WEST Search History

Hide Items | Restore | Clear | Cancel

DATE: Friday, January 02, 2004

Hide?	Set Name	Query	Hit Count
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ		
☐	L11	L10 AND neurofibrillary tangles	20
☐	L10	L9 AND ApoE	485
☐	L9	514/2,12,14,56,59,150,553.CCLS.	12522
☐	L8	514/2.IN.	0
☐	L7	Mahley-Bob.IN.	0
☐	L6	Mahley-R.IN.	0
☐	L5	Mahley-Robert.IN.	0
☐	L4	Mahley.IN.	19
☐	L3	Huang-Y.IN.	1821
☐	L2	Huang-Yadong.IN.	3
☐	L1	(Huang.IN.)	29652

END OF SEARCH HISTORY

WEST Search History

Hide Items | Restore | Clear | Cancel

DATE: Friday, January 02, 2004

Hide?	Set Name	Query	Hit Count
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ		
☐	L6	L5 AND neurofibrillary tangles	7
☐	L5	L4 AND apoE	109
☐	L4	530/300,329,330.CCLS.	5355
☐	L3	L2 AND neurofibrillary tangles	8
☐	L2	L1 AND apoE	161
☐	L1	(514/2,17,18.CCLS.)	7691

END OF SEARCH HISTORY

NCBI PubMed National Library of Medicine

Entrez PubMed Nucleotide Protein Genome Structure PMC Journals Book

Search PubMed for truncated apoE Go Clear

Limits Preview/Index History Clipboard Details

About Entrez

Text Version

Entrez PubMed
Overview
Help | FAQ
Tutorial
New/Noteworthy
E-Utilities

PubMed Services
Journals Database
MeSH Database
Single Citation Matcher
Batch Citation Matcher
Clinical Queries
LinkOut
Cubby

Related Resources
Order Documents
NLM Gateway
TOXNET
Consumer Health
Clinical Alerts
ClinicalTrials.gov
PubMed Central

Privacy Policy

Display Summary Show: 500 Sort Send to Text

Items 1-227 of 227 One page.

1: Miao CH, Ye X, Thompson AR. Related Articles, Links

High-level factor VIII gene expression in vivo achieved by nonviral liver-specific gene therapy vectors.
Hum Gene Ther. 2003 Sep 20;14(14):1297-305.
PMID: 14503965 [PubMed - in process]

2: Peng D, Song C, Reardon CA, Liao S, Getz GS. Related Articles, Links

Lipoproteins produced by ApoE-/- astrocytes infected with adenovirus expressing human ApoE.
J Neurochem. 2003 Sep;86(6):1391-402.
PMID: 12950448 [PubMed - indexed for MEDLINE]

3: Li X, Kypreos K, Zanni EE, Zannis V. Related Articles, Links

Domains of apoE required for binding to apoE receptor 2 and to phospholipids: implications for the functions of apoE in the brain.
Biochemistry. 2003 Sep 9;42(35):10406-17.
PMID: 12950167 [PubMed - indexed for MEDLINE]

4: Harris FM, Brecht WJ, Xu Q, Tesseur I, Kekonius L, Wyss-Coray T, Fish JD, Masliah E, Hopkins PC, Scearce-Levie K, Weisgraber KH, Mucke L, Mahley RW, Huang Y. Related Articles, Links

Carboxyl-terminal-truncated apolipoprotein E4 causes Alzheimer's disease-like neurodegeneration and behavioral deficits in transgenic mice.
Proc Natl Acad Sci U S A. 2003 Sep 16;100(19):10966-71. Epub 2003 Aug 25.
PMID: 12939405 [PubMed - indexed for MEDLINE]

5: Kypreos KE, Li X, van Dijk KW, Havekes LM, Zannis VI. Related Articles, Links

Molecular mechanisms of type III hyperlipoproteinemia: The contribution of the carboxy-terminal domain of ApoE can account for the dyslipidemia that is associated with the E2/E2 phenotype.
Biochemistry. 2003 Aug 26;42(33):9841-53.
PMID: 12924933 [PubMed - indexed for MEDLINE]

6: Chen Z, Fitzgerald RL, Saffitz JE, Semenkovich CF, Schonfeld G. Related Articles, Links

Amino terminal 38.9% of apolipoprotein B-100 is sufficient to support cholesterol-rich lipoprotein production and atherosclerosis.
Arterioscler Thromb Vasc Biol. 2003 Apr 1;23(4):668-74. Epub 2003 Feb 20.
PMID: 12615667 [PubMed - in process]

7: Gerritsen G, Kypreos KE, van der Zee A, Teusink B, Zannis VI, Havekes LM, van Dijk KW. Related Articles, Links

Hyperlipidemia in APOE2 transgenic mice is ameliorated by a truncated apoE variant lacking the C-terminal domain.
J Lipid Res. 2003 Feb;44(2):408-14. Epub 2002 Oct 16.
PMID: 12576523 [PubMed - in process]

8: Wiltfang J, Esselmann H, Bibl M, Smirnov A, Otto M, Paul S. Related Articles, Links

Schmidt B, Klafki HW, Maler M, Dyrks T, Bienert M, Beyermann

M, Ruther E, Kornhuber J.

Highly conserved and disease-specific patterns of carboxyterminally truncated Abeta peptides 1-37/38/39 in addition to 1-40/42 in Alzheimer's disease and in patients with chronic neuroinflammation.
J Neurochem. 2002 May;81(3):481-96.
PMID: 12065657 [PubMed - indexed for MEDLINE]

9: Ljungberg MC, Dayanandan R, Asuni A, Rupniak TH, Anderton BH, Lovestone S. Related Articles, Links

Truncated apoE forms tangle-like structures in a neuronal cell line.
Neuroreport. 2002 May 7;13(6):867-70.
PMID: 11997703 [PubMed - indexed for MEDLINE]

10: Li X, Kan HY, Lavrentiadou S, Krieger M, Zannis V. Related Articles, Links

Reconstituted discoidal ApoE-phospholipid particles are ligands for the scavenger receptor BI. The amino-terminal 1-165 domain of ApoE suffices for receptor binding.
J Biol Chem. 2002 Jun 14;277(24):21149-57. Epub 2002 Feb 22.
PMID: 11861652 [PubMed - indexed for MEDLINE]

11: Chen Z, Fitzgerald RL, Schonfeld G. Related Articles, Links

Hypobetalipoproteinemic mice with a targeted apolipoprotein (Apo) B-27.6-specifying mutation: in vivo evidence for an important role of amino acids 1254-1744 of ApoB in lipid transport and metabolism of the apoB-containing lipoprotein.
J Biol Chem. 2002 Apr 19;277(16):14135-45. Epub 2002 Feb 11.
PMID: 11839763 [PubMed - indexed for MEDLINE]

12: Takahashi K, Hikita M, Taira K, Kobayashi J, Bujo H, Saito Y. Related Articles, Links

Clinical characterization of a case with familial hypobetalipoproteinemia caused by apo B-76, a new truncation of apolipoprotein B, combined with apo E2/E2 phenotype.
Intern Med. 2001 Oct;40(10):1015-9.
PMID: 11688825 [PubMed - indexed for MEDLINE]

13: Huang Y, Liu XQ, Wyss-Coray T, Brecht WJ, Sanan DA, Mahley RW. Related Articles, Links

Apolipoprotein E fragments present in Alzheimer's disease brains induce neurofibrillary tangle-like intracellular inclusions in neurons.
Proc Natl Acad Sci U S A. 2001 Jul 17;98(15):8838-43. Epub 2001 Jul 10.
PMID: 11447277 [PubMed - indexed for MEDLINE]

14: Melman L, Cao ZF, Rennke S, Marzolo MP, Wardell MR, Bu G. Related Articles, Links

High affinity binding of receptor-associated protein to heparin and low density lipoprotein receptor-related protein requires similar basic amino acid sequence motifs.
J Biol Chem. 2001 Aug 3;276(31):29338-46. Epub 2001 May 29.
PMID: 11382778 [PubMed - indexed for MEDLINE]

15: Kypreos KE, Morani P, van Dijk KW, Havekes LM, Zannis VI. Related Articles, Links

The amino-terminal 1-185 domain of apoE promotes the clearance of lipoprotein remnants in vivo. The carboxy-terminal domain is required for induction of hyperlipidemia in normal and apoE-deficient mice.
Biochemistry. 2001 May 22;40(20):6027-35.
PMID: 11352738 [PubMed - indexed for MEDLINE]

16: Kypreos KE, van Dijk KW, van Der Zee A, Havekes LM, Zannis VI. Related Articles, Links

Domains of apolipoprotein E contributing to triglyceride and cholesterol homeostasis in vivo. Carboxyl-terminal region 203-299 promotes hepatic very low density lipoprotein-triglyceride secretion.
J Biol Chem. 2001 Jun 8;276(23):19778-86. Epub 2001 Feb 09.
PMID: 11279066 [PubMed - indexed for MEDLINE]

17: Drouet B, Fifre A, Pincon-Raymond M, Vandekerckhove J, Rosseneu M, Gueant JL, Chambaz J, Pillot T. Related Articles, Links

ApoE protects cortical neurones against neurotoxicity induced by the non-fibrillar C-terminal domain of the amyloid-beta peptide.
J Neurochem. 2001 Jan;76(1):117-27.
PMID: 11145984 [PubMed - indexed for MEDLINE]

18: Romas SN, Mayeux R, Tang MX, Lantigua R, Medrano M, Tycko B, Knowles J. Related Articles, Links

No association between a presenilin 1 polymorphism and Alzheimer disease.
Arch Neurol. 2000 May;57(5):699-702.
PMID: 10815136 [PubMed - indexed for MEDLINE]

19: Klezovitch O, Formato M, Cherchi GM, Weisgraber KH, Scanu AM. Related Articles, Links

Structural determinants in the C-terminal domain of apolipoprotein E mediating binding to the protein core of human aortic biglycan.
J Biol Chem. 2000 Jun 23;275(25):18913-8.
PMID: 10751422 [PubMed - indexed for MEDLINE]

20: Bertolini S, Simone ML, Pes GM, Ghisellini M, Rolleri M, Bellocchio A, Elicio N, Masturzo P, Calandra S Related Articles, Links

Pseudodominance of lipoprotein lipase (LPL) deficiency due to a nonsense mutation (Tyr302>Term) in exon 6 of LPL gene in an Italian family from Sardinia (LPL(Olbia)).
Clin Genet. 2000 Feb;57(2):140-7.
PMID: 10735636 [PubMed - indexed for MEDLINE]

21: Srivastava RA, Toth L, Srivastava N, Hinsdale ME, Maeda N, Cefalu AB, Averna M, Schonfeld G. Related Articles, Links

Regulation of the apolipoprotein B in heterozygous hypobetalipoproteinemic knock-out mice expressing truncated apoB, B81. Low production and enhanced clearance of apoB cause low levels of apoB.
Mol Cell Biochem. 1999 Dec;202(1-2):37-46.
PMID: 10705993 [PubMed - indexed for MEDLINE]

22: Tolar M, Keller JN, Chan S, Mattson MP, Marques MA, Crutcher KA. Related Articles, Links

Truncated apolipoprotein E (ApoE) causes increased intracellular calcium and may mediate ApoE neurotoxicity.
J Neurosci. 1999 Aug 15;19(16):7100-10.
PMID: 10436064 [PubMed - indexed for MEDLINE]

23: Aleshkov SB, Li X, Lavrentiadou SN, Zannis VI. Related Articles, Links

Contribution of cysteine 158, the glycosylation site threonine 194, the amino- and carboxy-terminal domains of apolipoprotein E in the binding to amyloid peptide beta (1-40).
Biochemistry. 1999 Jul 13;38(28):8918-25.
PMID: 10413465 [PubMed - indexed for MEDLINE]

24: Page GP, Amos CI. Related Articles, Links

Comparison of linkage-disequilibrium methods for localization of genes

influencing quantitative traits in humans.
Am J Hum Genet. 1999 Apr;64(4):1194-205.
PMID: 10090905 [PubMed - indexed for MEDLINE]

25: Bondarenko PV, Cockrill SL, Watkins LK, Cruzado ID, Macfarlane RD. Related Articles, Links

Mass spectral study of polymorphism of the apolipoproteins of very low density lipoprotein.
J Lipid Res. 1999 Mar;40(3):543-55.
PMID: 10064743 [PubMed - indexed for MEDLINE]

26: Sankaranarayanan K, Chakraborty R, Boerwinkle EA. Related Articles, Links

Ionizing radiation and genetic risks. VI. Chronic multifactorial diseases: a review of epidemiological and genetical aspects of coronary heart disease, essential hypertension and diabetes mellitus.
Mutat Res. 1999 Jan;436(1):21-57. Review.
PMID: 9878681 [PubMed - indexed for MEDLINE]

27: Welty FK, Lahoz C, Tucker KL, Ordovas JM, Wilson PW, Schaefer EJ. Related Articles, Links

Frequency of ApoB and ApoE gene mutations as causes of hypobetalipoproteinemia in the framingham offspring population.
Arterioscler Thromb Vasc Biol. 1998 Nov;18(11):1745-51.
PMID: 9812913 [PubMed - indexed for MEDLINE]

28: Dong LM, Innerarity TL, Arnold KS, Newhouse YM, Weisgraber KH. Related Articles, Links

The carboxyl terminus in apolipoprotein E2 and the seven amino acid repeat in apolipoprotein E-Leiden: role in receptor-binding activity.
J Lipid Res. 1998 Jun;39(6):1173-80.
PMID: 9643348 [PubMed - indexed for MEDLINE]

29: Fukai T, Galis ZS, Meng XP, Parthasarathy S, Harrison DG. Related Articles, Links

Vascular expression of extracellular superoxide dismutase in atherosclerosis.
J Clin Invest. 1998 May 15;101(10):2101-11.
PMID: 9593766 [PubMed - indexed for MEDLINE]

30: Ruotolo G, Zanelli T, Tettamanti C, Ragogna F, Parlavecchia M, Vigano F, Catapano AL. Related Articles, Links

Hypobetalipoproteinemia associated with apo B-48.4, a truncated protein only 14 amino acids longer than apo B-48.
Atherosclerosis. 1998 Mar;137(1):125-31.
PMID: 9568744 [PubMed - indexed for MEDLINE]

31: Kim E, Cham CM, Veniant MM, Ambroziak P, Young SG. Related Articles, Links

Dual mechanisms for the low plasma levels of truncated apolipoprotein B proteins in familial hypobetalipoproteinemia. Analysis of a new mouse model with a nonsense mutation in the Apob gene.
J Clin Invest. 1998 Mar 15;101(6):1468-77.
PMID: 9502790 [PubMed - indexed for MEDLINE]

32: Aizawa Y, Fukatsu R, Takamaru Y, Tsuzuki K, Chiba H, Kobayashi K, Fujii N, Takahata N. Related Articles, Links

Amino-terminus truncated apolipoprotein E is the major species in amyloid deposits in Alzheimer's disease-affected brains: a possible role for apolipoprotein E in Alzheimer's disease.
Brain Res. 1997 Sep 12;768(1-2):208-14.
PMID: 9369317 [PubMed - indexed for MEDLINE]

33: Hartig W, Bruckner G, Schmidt C, Brauer K, Bodewitz G, Turner JD, Bigl V. Related Articles, Links

Co-localization of beta-amyloid peptides, apolipoprotein E and glial markers in senile plaques in the prefrontal cortex of old rhesus monkeys.
Brain Res. 1997 Mar 21;751(2):315-22.
PMID: 9099821 [PubMed - indexed for MEDLINE]

34: Fisher CA, Wang J, Francis GA, Sykes BD, Kay CM, Ryan RO. Related Articles, Links

Bacterial overexpression, isotope enrichment, and NMR analysis of the N-terminal domain of human apolipoprotein E.
Biochem Cell Biol. 1997;75(1):45-53.
PMID: 9192073 [PubMed - indexed for MEDLINE]

35: Feussner G, Dobmeyer J, Grone HJ, Lohmer S, Wohlfeil S. Related Articles, Links

A 10-bp deletion in the apolipoprotein epsilon gene causing apolipoprotein E deficiency and severe type III hyperlipoproteinemia.
Am J Hum Genet. 1996 Feb;58(2):281-91.
PMID: 8571954 [PubMed - indexed for MEDLINE]

36: Johannsson G, Oscarsson J, Rosen T, Wiklund O, Olsson G, Wilhelmsen L, Bengtsson BA. Related Articles, Links

Effects of 1 year of growth hormone therapy on serum lipoprotein levels in growth hormone-deficient adults. Influence of gender and Apo(a) and ApoE phenotypes.
Arterioscler Thromb Vasc Biol. 1995 Dec;15(12):2142-50.
PMID: 7489235 [PubMed - indexed for MEDLINE]

37: Bard JM, Dallongeville J, Hagen E, Pfister P, Ose L, Fruchart JC, Duriez P. Related Articles, Links

Comparison of the effect of fluvastatin, an hydroxymethyl glutaryl coenzyme A reductase inhibitor, and cholestyramine, a bile acid sequestrant, on lipoprotein particles defined by apolipoprotein composition.
Metabolism. 1995 Nov;44(11):1447-54.
PMID: 7476333 [PubMed - indexed for MEDLINE]

38: von Eckardstein A, Huang Y, Wu S, Sarmadi AS, Schwarz S, Steinmetz A, Assmann G. Related Articles, Links

Lipoproteins containing apolipoprotein A-IV but not apolipoprotein A-I take up and esterify cell-derived cholesterol in plasma.
Arterioscler Thromb Vasc Biol. 1995 Oct;15(10):1755-63.
PMID: 7583553 [PubMed - indexed for MEDLINE]

39: Clay MA, Anantharamaiah GM, Mistry MJ, Balasubramaniam A, Harmony JA. Related Articles, Links

Localization of a domain in apolipoprotein E with both cytostatic and cytotoxic activity.
Biochemistry. 1995 Sep 5;34(35):11142-51.
PMID: 7669772 [PubMed - indexed for MEDLINE]

40: Kuusisto J, Mykkanen L, Kervinen K, Kesaniemi YA, Laakso M. Related Articles, Links

Apolipoprotein E4 phenotype is not an important risk factor for coronary heart disease or stroke in elderly subjects.
Arterioscler Thromb Vasc Biol. 1995 Sep;15(9):1280-6.
PMID: 7670939 [PubMed - indexed for MEDLINE]

41: De Pauw M, Vanloo B, Weisgraber K, Rosseneu M. Related Articles, Links

Comparison of lipid-binding and lecithin:cholesterol acyltransferase activation of the amino- and carboxyl-terminal domains of human

apolipoprotein E3.
Biochemistry. 1995 Aug 29;34(34):10953-66.
PMID: 7662677 [PubMed - indexed for MEDLINE]

☐ **42:** McCormick SP, Day WA, George PM. Related Articles, Links

Characterization of lipoproteins containing a truncated form of apolipoprotein B, apolipoprotein B32.
Biochim Biophys Acta. 1995 Aug 24;1258(1):49-56.
PMID: 7654780 [PubMed - indexed for MEDLINE]

☐ **43:** Schwalbe RA, Coe JE, Nelsestuen GL. Related Articles, Links

Association of rat C-reactive protein and other pentraxins with rat lipoproteins containing apolipoproteins E and A1.
Biochemistry. 1995 Aug 22;34(33):10432-9.
PMID: 7544614 [PubMed - indexed for MEDLINE]

☐ **44:** Saxena U, Auerbach BJ, Ferguson E, Wolle J, Marcel YL, Weisgraber KH, Hegele RA, Bisgaier CL. Related Articles, Links

Apolipoprotein B and E basic amino acid clusters influence low-density lipoprotein association with lipoprotein lipase anchored to the subendothelial matrix.
Arterioscler Thromb Vasc Biol. 1995 Aug;15(8):1240-7.
PMID: 7627718 [PubMed - indexed for MEDLINE]

☐ **45:** Wang XL, McCredie RM, Wilcken DE. Related Articles, Links

Polymorphisms of the apolipoprotein E gene and severity of coronary artery disease defined by angiography.
Arterioscler Thromb Vasc Biol. 1995 Aug;15(8):1030-4.
PMID: 7627692 [PubMed - indexed for MEDLINE]

☐ **46:** Bard JM, Ose L, Hagen E, Duriez P, Pfister P, Fruchart JC, Dallongeville J. Related Articles, Links

Changes in plasma apolipoprotein B-containing lipoparticle levels following therapy with fluvastatin and cholestyramine. European Fluvastatin Study Group.
Am J Cardiol. 1995 Jul 13;76(2):65A-70A.
PMID: 7604802 [PubMed - indexed for MEDLINE]

☐ **47:** Broyles FE, Walden CE, Hunninghake DB, Hill-Williams D, Knopp RH. Related Articles, Links

Effect of fluvastatin on intermediate density lipoprotein (remnants) and other lipoprotein levels in hypercholesterolemia.
Am J Cardiol. 1995 Jul 13;76(2):129A-135A.
PMID: 7604788 [PubMed - indexed for MEDLINE]

☐ **48:** Clavey V, Lestavel-Delattre S, Copin C, Bard JM, Fruchart JC. Related Articles, Links

Modulation of lipoprotein B binding to the LDL receptor by exogenous lipids and apolipoproteins CI, CII, CIII, and E.
Arterioscler Thromb Vasc Biol. 1995 Jul;15(7):963-71.
PMID: 7600129 [PubMed - indexed for MEDLINE]

☐ **49:** Cobbaert C, Broodman I, Swart GR, Hoogerbrugge N. Related Articles, Links

Performance of a direct, immunoseparation based LDL-cholesterol method compared to Friedewald calculation and a polyvinyl sulphate precipitation method.
Eur J Clin Chem Clin Biochem. 1995 Jul;33(7):417-24.
PMID: 7548448 [PubMed - indexed for MEDLINE]

☐ **50:** Lehtovirta M, Laakso MP, Soininen H, Helisalmi S, Mannermaa Related Articles, Links

A, Helkala EL, Partanen K, Ryynanen M, Vainio P, Hartikainen P, et al.

Volumes of hippocampus, amygdala and frontal lobe in Alzheimer patients with different apolipoprotein E genotypes.
Neuroscience. 1995 Jul;67(1):65-72.
PMID: 7477910 [PubMed - indexed for MEDLINE]

51: Quarfordt SH, Oswald B, Landis B, Xu HS, Zhang SH, Maeda N. Related Articles, Links

In vivo cholesterol kinetics in apolipoprotein E-deficient and control mice.
J Lipid Res. 1995 Jun;36(6):1227-35.
PMID: 7666000 [PubMed - indexed for MEDLINE]

52: Babin PJ, Deryckere F, Gannon F. Related Articles, Links

Presence of an extended duplication in the putative low-density-lipoprotein receptor-binding domain of apolipoprotein B. Cloning and characterization of the domain in salmon.
Eur J Biochem. 1995 May 15;230(1):45-51.
PMID: 7541349 [PubMed - indexed for MEDLINE]

53: von Eckardstein A, Huang Y, Wu S, Funke H, Noseda G, Assmann G. Related Articles, Links

Reverse cholesterol transport in plasma of patients with different forms of familial HDL deficiency.
Arterioscler Thromb Vasc Biol. 1995 May;15(5):691-703.
PMID: 7749883 [PubMed - indexed for MEDLINE]

54: Sobel E, Louhija J, Sulkava R, Davanipour Z, Kontula K, Miettinen H, Tikkanen M, Kainulainen K, Tilvis R. Related Articles, Links

Lack of association of apolipoprotein E allele epsilon 4 with late-onset Alzheimer's disease among Finnish centenarians.
Neurology. 1995 May;45(5):903-7.
PMID: 7746404 [PubMed - indexed for MEDLINE]

55: Lin RC, Miller BA, Kelly TJ. Related Articles, Links

Concentrations of apolipoprotein AI, AII, and E in plasma and lipoprotein fractions of alcoholic patients: gender differences in the effects of alcohol.
Hepatology. 1995 Apr;21(4):942-9.
PMID: 7705804 [PubMed - indexed for MEDLINE]

56: Lehtimaki T, Moilanen T, Porkka K, Akerblom HK, Ronnemaa T, Rasanen L, Viikari J, Ehnholm C, Nikkari T. Related Articles, Links

Association between serum lipids and apolipoprotein E phenotype is influenced by diet in a population-based sample of free-living children and young adults: the Cardiovascular Risk in Young Finns Study.
J Lipid Res. 1995 Apr;36(4):653-61.
PMID: 7616113 [PubMed - indexed for MEDLINE]

57: Mahieux F, Couderc R, Moulignier A, Bailleul S, Podrabinek N, Laudet J. Related Articles, Links

[Isoform 4 of apolipoprotein E and Alzheimer disease. Specificity and clinical study]
Rev Neurol (Paris). 1995 Apr;151(4):231-9. Review. French.
PMID: 7481373 [PubMed - indexed for MEDLINE]

58: Nomura N, Matsubara N, Horinouchi S, Beppu T. Related Articles, Links

Secretion by Saccharomyces cerevisiae of human apolipoprotein E as a fusion to serum albumin.
Biosci Biotechnol Biochem. 1995 Mar;59(3):532-4.
PMID: 7766198 [PubMed - indexed for MEDLINE]

59: Nomura N, Yamada H, Matsubara N, Horinouchi S, Beppu T. Related Articles, Links

High level secretion by Saccharomyces cerevisiae of human apolipoprotein E as a fusion to Rhizomucor rennin.
Biosci Biotechnol Biochem. 1995 Mar;59(3):382-7.
PMID: 7766173 [PubMed - indexed for MEDLINE]

60: Maestre G, Ottman R, Stern Y, Gurland B, Chun M, Tang MX, Shelanski M, Tycko B, Mayeux R. Related Articles, Links

Apolipoprotein E and Alzheimer's disease: ethnic variation in genotypic risks.
Ann Neurol. 1995 Feb;37(2):254-9.
PMID: 7847867 [PubMed - indexed for MEDLINE]

61: Gylling H, Kontula K, Miettinen TA. Related Articles, Links

Cholesterol absorption and metabolism and LDL kinetics in healthy men with different apoprotein E phenotypes and apoprotein B Xba I and LDL receptor Pvu II genotypes.
Arterioscler Thromb Vasc Biol. 1995 Feb;15(2):208-13.
PMID: 7749827 [PubMed - indexed for MEDLINE]

62: Kamboh MI, Aston CE, Hamman RF. Related Articles, Links

The relationship of APOE polymorphism and cholesterol levels in normoglycemic and diabetic subjects in a biethnic population from the San Luis Valley, Colorado.
Atherosclerosis. 1995 Jan 20;112(2):145-59.
PMID: 7772075 [PubMed - indexed for MEDLINE]

63: Venezie RD, Toews AD, Morell P. Related Articles, Links

Macrophage recruitment in different models of nerve injury: lysozyme as a marker for active phagocytosis.
J Neurosci Res. 1995 Jan 1;40(1):99-107.
PMID: 7714930 [PubMed - indexed for MEDLINE]

64: Zhang MY, Lin RC. Related Articles, Links

Oxidative-modified and acetylated low-density lipoproteins differ in their effects on cholesterol synthesis and stimulate synthesis of apolipoprotein E in rat peritoneal macrophages by different mechanisms.
Metabolism. 1994 Dec;43(12):1523-30.
PMID: 7990706 [PubMed - indexed for MEDLINE]

65: Alaupovic P, Hodis HN, Knight-Gibson C, Mack WJ, LaBree L, Cashin-Hemphill L, Corder CN, Kramsch DM, Blankenhorn DH. Related Articles, Links

Effects of lovastatin on ApoA- and ApoB-containing lipoproteins. Families in a subpopulation of patients participating in the Monitored Atherosclerosis Regression Study (MARS).
Arterioscler Thromb. 1994 Dec;14(12):1906-13.
PMID: 7981178 [PubMed - indexed for MEDLINE]

66: Tamaoka A. Related Articles, Links

[Apolipoprotein E4 and late-onset Alzheimer's disease]
Nippon Rinsho. 1994 Dec;52(12):3257-65. Review. Japanese.
PMID: 7853720 [PubMed - indexed for MEDLINE]

67: Fazio S, Sanan DA, Lee YL, Ji ZS, Mahley RW, Rall SC Jr. Related Articles, Links

Susceptibility to diet-induced atherosclerosis in transgenic mice expressing a dysfunctional human apolipoprotein E(Arg 112,Cys142).
Arterioscler Thromb. 1994 Nov;14(11):1873-9.
PMID: 7947615 [PubMed - indexed for MEDLINE]

☐ **68:** Rapp JH, Lespine A, Hamilton RL, Colyvas N, Chaumeton AH, Tweedie-Hardman J, Kotite L, Kunitake ST, Havel RJ, Kane JP Related Articles, Links

Triglyceride-rich lipoproteins isolated by selected-affinity anti-apolipoprotein B immunosorption from human atherosclerotic plaque.
Arterioscler Thromb. 1994 Nov;14(11):1767-74.
PMID: 7947602 [PubMed - indexed for MEDLINE]

☐ **69:** Tiret L, de Knijff P, Menzel HJ, Ehnholm C, Nicaud V, Havekes LM. Related Articles, Links

ApoE polymorphism and predisposition to coronary heart disease in youths of different European populations. The EARS Study. European Atherosclerosis Research Study.
Arterioscler Thromb. 1994 Oct;14(10):1617-24.
PMID: 7918312 [PubMed - indexed for MEDLINE]

☐ **70:** Sijbrands EJ, Westendorp RG, Hoffer MJ, Havekes LM, Frants RR, Meinders AE, Frolich M, Smelt AH. Related Articles, Links

Effect of insulin resistance, apoE2 allele, and smoking on combined hyperlipidemia.
Arterioscler Thromb. 1994 Oct;14(10):1576-80.
PMID: 7918307 [PubMed - indexed for MEDLINE]

☐ **71:** Ferrieres J, Sing CF, Roy M, Davignon J, Lussier-Cacan S. Related Articles, Links

Apolipoprotein E polymorphism and heterozygous familial hypercholesterolemia. Sex-specific effects.
Arterioscler Thromb. 1994 Oct;14(10):1553-60.
PMID: 7918304 [PubMed - indexed for MEDLINE]

☐ **72:** Mortimer BC, Redgrave TG, Spangler EA, Verstuyft JG, Rubin EM. Related Articles, Links

Effect of human apoE4 on the clearance of chylomicron-like lipid emulsions and atherogenesis in transgenic mice.
Arterioscler Thromb. 1994 Oct;14(10):1542-52.
PMID: 7918303 [PubMed - indexed for MEDLINE]

☐ **73:** Ikewaki K, Rader DJ, Zech LA, Brewer HB Jr. Related Articles, Links

In vivo metabolism of apolipoproteins A-I and E in patients with abetalipoproteinemia: implications for the roles of apolipoproteins B and E in HDL metabolism.
J Lipid Res. 1994 Oct;35(10):1809-19.
PMID: 7852858 [PubMed - indexed for MEDLINE]

☐ **74:** Peacock RE, Hamsten A, Johansson J, Nilsson-Ehle P, Humphries SE. Related Articles, Links

Associations of genotypes at the apolipoprotein AI-CIII-AIV, apolipoprotein B and lipoprotein lipase gene loci with coronary atherosclerosis and high density lipoprotein subclasses.
Clin Genet. 1994 Oct;46(4):273-82.
PMID: 7834891 [PubMed - indexed for MEDLINE]

☐ **75:** Dong LM, Wilson C, Wardell MR, Simmons T, Mahley RW, Weisgraber KH, Agard DA. Related Articles, Links

Human apolipoprotein E. Role of arginine 61 in mediating the lipoprotein preferences of the E3 and E4 isoforms.
J Biol Chem. 1994 Sep 2;269(35):22358-65.
PMID: 8071364 [PubMed - indexed for MEDLINE]

☐ **76:** Luc G, Bard JM, Arveiler D, Evans A, Cambou JP, Bingham A, Amouyel P, Schaffer P, Ruidavets JB, Cambien F, et al. Related Articles, Links

Impact of apolipoprotein E polymorphism on lipoproteins and risk of myocardial infarction. The ECTIM Study.
Arterioscler Thromb. 1994 Sep;14(9):1412-9.
PMID: 8068601 [PubMed - indexed for MEDLINE]

77: Manning JM, Gebre AK, Edwards IJ, Wagner WD, Rudel LL, Parks JS. Related Articles, Links

Dietary polyunsaturated fat decreases interaction between low density lipoproteins and arterial proteoglycans.
Lipids. 1994 Sep;29(9):635-41.
PMID: 7815898 [PubMed - indexed for MEDLINE]

78: Li Z, McNamara JR, Ordovas JM, Schaefer EJ. Related Articles, Links

Analysis of high density lipoproteins by a modified gradient gel electrophoresis method.
J Lipid Res. 1994 Sep;35(9):1698-711.
PMID: 7806982 [PubMed - indexed for MEDLINE]

79: Mims MP, Darnule AT, Tovar RW, Pownall HJ, Sparrow DA, Sparrow JT, Via DP, Smith LC. Related Articles, Links

A nonexchangeable apolipoprotein E peptide that mediates binding to the low density lipoprotein receptor.
J Biol Chem. 1994 Aug 12;269(32):20539-47.
PMID: 8051153 [PubMed - indexed for MEDLINE]

80: Seitz HK, Kuhn B, von Hodenberg E, Fiehn W, Conradt C, Simanowski UA. Related Articles, Links

Increased messenger RNA levels for low-density lipoprotein receptor and 3-hydroxy-3-methylglutaryl coenzyme A reductase in rat liver after long-term ethanol ingestion.
Hepatology. 1994 Aug;20(2):487-93.
PMID: 8045509 [PubMed - indexed for MEDLINE]

81: Mazzone T, Reardon C. Related Articles, Links

Expression of heterologous human apolipoprotein E by J774 macrophages enhances cholesterol efflux to HDL3.
J Lipid Res. 1994 Aug;35(8):1345-53.
PMID: 7989859 [PubMed - indexed for MEDLINE]

82: Mulder M, van der Boom H, de Knijff P, Braam C, van den Maagdenberg A, Leuven JA, Havekes LM. Related Articles, Links

Triglyceride-rich lipoproteins of subjects heterozygous for apolipoprotein E2(Lys146-->Gln) are inefficiently converted to cholesterol-rich lipoproteins.
Atherosclerosis. 1994 Aug;108(2):183-92.
PMID: 7980718 [PubMed - indexed for MEDLINE]

83: Schaefer EJ, Lamon-Fava S, Johnson S, Ordovas JM, Schaefer MM, Castelli WP, Wilson PW. Related Articles, Links

Effects of gender and menopausal status on the association of apolipoprotein E phenotype with plasma lipoprotein levels. Results from the Framingham Offspring Study.
Arterioscler Thromb. 1994 Jul;14(7):1105-13.
PMID: 8018666 [PubMed - indexed for MEDLINE]

84: Louhija J, Miettinen HE, Kontula K, Tikkanen MJ, Miettinen TA, Tilvis RS. Related Articles, Links

Aging and genetic variation of plasma apolipoproteins. Relative loss of the apolipoprotein E4 phenotype in centenarians.
Arterioscler Thromb. 1994 Jul;14(7):1084-9.

PMID: 8018664 [PubMed - indexed for MEDLINE]

85: Prack MM, Rothblat GH, Erickson SK, Reyland ME, Williams DL. Related Articles, Links

Apolipoprotein E expression in Y1 adrenal cells is associated with increased intracellular cholesterol content and reduced free cholesterol efflux.
Biochemistry. 1994 May 3;33(17):5049-55.
PMID: 8172880 [PubMed - indexed for MEDLINE]

86: Ahn YI, Kamboh MI, Aston CE, Ferrell RE, Hamman RF. Related Articles, Links

Role of common genetic polymorphisms in the LDL receptor gene in affecting plasma cholesterol levels in the general population.
Arterioscler Thromb. 1994 May;14(5):663-70.
PMID: 8172843 [PubMed - indexed for MEDLINE]

87: Kamboh MI, Friedlaender JS, Ahn YI, Ferrell RE. Related Articles, Links

A common deletion polymorphism in the apolipoprotein A4 gene and its significance in lipid metabolism.
Arterioscler Thromb. 1994 May;14(5):656-62.
PMID: 8172842 [PubMed - indexed for MEDLINE]

88: Chartier-Harlin MC, Parfitt M, Legrain S, Perez-Tur J, Brousseau T, Evans A, Berr C, Vidal O, Roques P, Gourlet V, et al. Related Articles, Links

Apolipoprotein E, epsilon 4 allele as a major risk factor for sporadic early and late-onset forms of Alzheimer's disease: analysis of the 19q13.2 chromosomal region.
Hum Mol Genet. 1994 Apr;3(4):569-74.
PMID: 8069300 [PubMed - indexed for MEDLINE]

89: Linga V, Leight MA, Curtiss LK, Marcel YL, St Clair RW, Parks JS. Related Articles, Links

Dietary fish oil-induced decrease in low density lipoprotein binding to fibroblasts is mediated by apolipoprotein E.
J Lipid Res. 1994 Mar;35(3):491-500.
PMID: 8014584 [PubMed - indexed for MEDLINE]

90: Porkka KV, Taimela S, Kontula K, Lehtimaki T, Aalto-Setala K, Akerblom HK, Viikari JS. Related Articles, Links

Variability gene effects of DNA polymorphisms at the apo B, apo A I/C III and apo E loci on serum lipids: the Cardiovascular Risk in Young Finns Study.
Clin Genet. 1994 Mar;45(3):113-21.
PMID: 7913004 [PubMed - indexed for MEDLINE]

91: Yen FT, Mann CJ, Guermani LM, Hannouche NF, Hubert N, Hornick CA, Bordeau VN, Agnani G, Bihain BE. Related Articles, Links

Identification of a lipolysis-stimulated receptor that is distinct from the LDL receptor and the LDL receptor-related protein.
Biochemistry. 1994 Feb 8;33(5):1172-80.
PMID: 7509190 [PubMed - indexed for MEDLINE]

92: Hansen PS, Meinertz H, Jensen HK, Fruergaard P, Laumbjerg J, Klausen IC, Lemming L, Gerdes U, Gregersen N, Faergeman O. Related Articles, Links

Characteristics of 46 heterozygous carriers and 57 unaffected relatives in five Danish families with familial defective apolipoprotein B-100.
Arterioscler Thromb. 1994 Feb;14(2):207-13.
PMID: 8305410 [PubMed - indexed for MEDLINE]

93: Herrmann W, Hanf S, Kaffarnik H, Matern S, Reissner J. Related Articles, Links

Steinmetz A.

The influence of apolipoprotein E polymorphism on plasma concentrations of apolipoprotein B and A-I during the first year of life.
Pediatrics. 1994 Feb;93(2):296-302.
PMID: 8121744 [PubMed - indexed for MEDLINE]

94: Teramoto T, Matsushima T, Kinoshita M, Watanabe T, Hashimoto Y, Tsukamoto K, Katsuragawa K, Okazaki S, Yamanaka M. Related Articles, Links

Effect of chylomicron remnants on apolipoprotein E synthesis in HepG2 cells.
Metabolism. 1994 Jan;43(1):44-50.
PMID: 8289675 [PubMed - indexed for MEDLINE]

95: Muso E, Yashiro M, Matsushima M, Yoshida H, Sawanishi K, Sasayama S. Related Articles, Links

Does LDL-apheresis in steroid-resistant nephrotic syndrome affect prognosis?
Nephrol Dial Transplant. 1994;9(3):257-64.
PMID: 8052431 [PubMed - indexed for MEDLINE]

96: Samuelsson O, Attman PO, Knight-Gibson C, Kron B, Larsson R, Mulec H, Weiss L, Alaupovic P. Related Articles, Links

Lipoprotein abnormalities without hyperlipidaemia in moderate renal insufficiency.
Nephrol Dial Transplant. 1994;9(11):1580-5.
PMID: 7870346 [PubMed - indexed for MEDLINE]

97: Silliman K, Tall AR, Kretchmer N, Forte TM. Related Articles, Links

Unusual high-density lipoprotein subclass distribution during late pregnancy.
Metabolism. 1993 Dec;42(12):1592-9.
PMID: 8246775 [PubMed - indexed for MEDLINE]

98: Muls E, Kempen K, Vansant G, Cobbaert C, Saris W. Related Articles, Links

The effects of weight loss and apolipoprotein E polymorphism on serum lipids, apolipoproteins A-I and B, and lipoprotein(a).
Int J Obes Relat Metab Disord. 1993 Dec;17(12):711-6.
PMID: 8118476 [PubMed - indexed for MEDLINE]

99: Duverger N, Rader D, Duchateau P, Fruchart JC, Castro G, Brewer HB Jr. Related Articles, Links

Biochemical characterization of the three major subclasses of lipoprotein A-I preparatively isolated from human plasma.
Biochemistry. 1993 Nov 23;32(46):12372-9.
PMID: 8241125 [PubMed - indexed for MEDLINE]

100: Williams RR, Hunt SC, Hopkins PN, Wu LL, Hasstedt SJ, Berry TD, Barlow GK, Stults BM, Schumacher MC, Ludwig EH, et al. Related Articles, Links

Genetic basis of familial dyslipidemia and hypertension: 15-year results from Utah.
Am J Hypertens. 1993 Nov;6(11 Pt 2):319S-327S.
PMID: 8297539 [PubMed - indexed for MEDLINE]

101: Averna M, Seip RL, Mankowitz K, Schonfeld G. Related Articles, Links

Postprandial lipemia in subjects with hypobetalipoproteinemia and a single intestinal allele for apoB-48.
J Lipid Res. 1993 Nov;34(11):1957-67.
PMID: 8263419 [PubMed - indexed for MEDLINE]

Synder SM, Terdiman JF, Caan B, Reingold KB, Hubl ST, Smith Related Articles, Links

102: RS, Young SG.

Relationship of apolipoprotein E phenotypes to hypocholesterolemia.
Am J Med. 1993 Nov;95(5):480-8.
PMID: 8238064 [PubMed - indexed for MEDLINE]

103: Despres JP, Verdon MF, Moorjani S, Pouliot MC, Nadeau A, Bouchard C, Tremblay A, Lupien PJ. Related Articles, Links

Apolipoprotein E polymorphism modifies relation of hyperinsulinemia to hypertriglyceridemia.
Diabetes. 1993 Oct;42(10):1474-81.
PMID: 8375587 [PubMed - indexed for MEDLINE]

104: Ukkola O, Savolainen MJ, Salmela PI, von Dickhoff K, Kesaniemi YA. Related Articles, Links

Apolipoprotein B gene DNA polymorphisms are associated with macro- and microangiopathy in non-insulin-dependent diabetes mellitus.
Clin Genet. 1993 Oct;44(4):177-84.
PMID: 8261646 [PubMed - indexed for MEDLINE]

105: Westerlund JA, Weisgraber KH. Related Articles, Links

Discrete carboxyl-terminal segments of apolipoprotein E mediate lipoprotein association and protein oligomerization.
J Biol Chem. 1993 Jul 25;268(21):15745-50.
PMID: 8340399 [PubMed - indexed for MEDLINE]

106: Choi SY, Cooper AD. Related Articles, Links

A comparison of the roles of the low density lipoprotein (LDL) receptor and the LDL receptor-related protein/alpha 2-macroglobulin receptor in chylomicron remnant removal in the mouse in vivo.
J Biol Chem. 1993 Jul 25;268(21):15804-11.
PMID: 7687998 [PubMed - indexed for MEDLINE]

107: Salo MK, Rantanen R, Huupponen T, Lehtimaki T, Jokela H. Related Articles, Links

Apolipoprotein E phenotypes and plasma lipids in diabetic children and adolescents.
Eur J Pediatr. 1993 Jul;152(7):564-8.
PMID: 8354314 [PubMed - indexed for MEDLINE]

108: Hiraoka H, Yamashita S, Matsuzawa Y, Kubo M, Nozaki S, Sakai N, Hirano K, Kawata S, Tarui S. Related Articles, Links

Decrease of hepatic triglyceride lipase levels and increase of cholesteryl ester transfer protein levels in patients with primary biliary cirrhosis: relationship to abnormalities in high-density lipoprotein.
Hepatology. 1993 Jul;18(1):103-10.
PMID: 8325601 [PubMed - indexed for MEDLINE]

109: Quinet EM, Huerta P, Nancoo D, Tall AR, Marcel YL, McPherson R. Related Articles, Links

Adipose tissue cholesteryl ester transfer protein mRNA in response to probucol treatment: cholesterol and species dependence.
J Lipid Res. 1993 May;34(5):845-52.
PMID: 8509722 [PubMed - indexed for MEDLINE]

110: Marzolo MP, Amigo L, Nervi F. Related Articles, Links

Hepatic production of very low density lipoprotein, catabolism of low density lipoprotein, biliary lipid secretion, and bile salt synthesis in rats fed a bean (Phaseolus vulgaris) diet.
J Lipid Res. 1993 May;34(5):807-14

PMID: 8509719 [PubMed - indexed for MEDLINE]

☐ **111:** Cabezas MC, de Bruin TW, Kock LA, Kortlandt W, Van Linde-Sibenius Trip M, Jansen H, Erkelens DW. Related Articles, Links

Simvastatin improves chylomicron remnant removal in familial combined hyperlipidemia without changing chylomicron conversion.
Metabolism. 1993 Apr;42(4):497-503.
PMID: 8487674 [PubMed - indexed for MEDLINE]

☐ **112:** Monteilhet C, Lachacinski N, Aggerbeck LP. Related Articles, Links

Cytoplasmic and periplasmic production of human apolipoprotein E in Escherichia coli using natural and bacterial signal peptides.
Gene. 1993 Mar 30;125(2):223-8.
PMID: 8462877 [PubMed - indexed for MEDLINE]

☐ **113:** Klein RL, Lopes-Virella MF. Related Articles, Links

Metabolism by human endothelial cells of very low density lipoprotein subfractions isolated from type 1 (insulin-dependent) diabetic patients.
Diabetologia. 1993 Mar;36(3):258-64.
PMID: 8462776 [PubMed - indexed for MEDLINE]

☐ **114:** Zhao SP, Smelt AH, Leuven JA, van den Maagdenberg AM, van der Laarse A, van 't Hooft FM. Related Articles, Links

Lipoproteins in familial dysbetalipoproteinemia. Variation of serum cholesterol level associated with VLDL concentration.
Arterioscler Thromb. 1993 Feb;13(2):316-23.
PMID: 8427867 [PubMed - indexed for MEDLINE]

☐ **115:** Scanu AM, Edelstein C, Fless GM, Eisenbart J, Sitrin M, Kasawa B, Hinman J. Related Articles, Links

Postprandial lipoprotein(a) response to a single meal containing either saturated or omega-3 polyunsaturated fatty acids in subjects with hypoalphalipoproteinemia.
Metabolism. 1992 Dec;41(12):1361-6.
PMID: 1461142 [PubMed - indexed for MEDLINE]

☐ **116:** de Knijff P, Johansen LG, Rosseneu M, Frants RR, Jespersen J, Havekes LM Related Articles, Links

Lipoprotein profile of a Greenland Inuit population. Influence of anthropometric variables, Apo E and A4 polymorphism, and lifestyle.
Arterioscler Thromb. 1992 Dec;12(12):1371-9.
PMID: 1450169 [PubMed - indexed for MEDLINE]

☐ **117:** Uusitupa MI, Ruuskanen E, Makinen E, Laitinen J, Toskala E, Kervinen K, Kesaniemi YA. Related Articles, Links

A controlled study on the effect of beta-glucan-rich oat bran on serum lipids in hypercholesterolemic subjects: relation to apolipoprotein E phenotype.
J Am Coll Nutr. 1992 Dec;11(6):651-9.
PMID: 1334101 [PubMed - indexed for MEDLINE]

☐ **118:** Lohse P, Brewer HB 3rd, Meng MS, Skarlatos SI, LaRosa JC, Brewer HB Jr. Related Articles, Links

Familial apolipoprotein E deficiency and type III hyperlipoproteinemia due to a premature stop codon in the apolipoprotein E gene.
J Lipid Res. 1992 Nov;33(11):1583-90.
PMID: 1361196 [PubMed - indexed for MEDLINE]

☐ **119:** Tozuka M, Hidaka H, Miyachi M, Furihata K, Katsuyama T, Kanai M. Related Articles, Links

Identification and characterization of apolipoprotein(AII-E2-AII) complex in human plasma lipoprotein.
Biochim Biophys Acta. 1992 Nov 11;1165(1):61-7.
PMID: 1420349 [PubMed - indexed for MEDLINE]

☐ **120:** Feussner G, Eichinger M, Ziegler R. Related Articles, Links

The influence of simvastatin alone or in combination with gemfibrozil on plasma lipids and lipoproteins in patients with type III hyperlipoproteinemia.
Clin Investig. 1992 Nov;70(11):1027-35.
PMID: 1472833 [PubMed - indexed for MEDLINE]

☐ **121:** Dixon JL, Ginsberg HN. Related Articles, Links

Hepatic synthesis of lipoproteins and apolipoproteins.
Semin Liver Dis. 1992 Nov;12(4):364-72. Review.
PMID: 1465621 [PubMed - indexed for MEDLINE]

☐ **122:** Alaupovic P, Bard JM, Tavella M, Shafer D. Related Articles, Links

Identification of apoB-containing lipoprotein families in NIDDM.
Diabetes. 1992 Oct;41 Suppl 2:18-25.
PMID: 1526331 [PubMed - indexed for MEDLINE]

☐ **123:** Aamar S, Saada A, Rotshenker S. Related Articles, Links

Lesion-induced changes in the production of newly synthesized and secreted apo-E and other molecules are independent of the concomitant recruitment of blood-borne macrophages into injured peripheral nerves.
J Neurochem. 1992 Oct;59(4):1287-92.
PMID: 1402881 [PubMed - indexed for MEDLINE]

☐ **124:** Klein RL, Wohltmann HJ, Lopes-Virella MF. Related Articles, Links

Influence of glycemic control on interaction of very-low- and low-density lipoproteins isolated from type I diabetic patients with human monocyte-derived macrophages.
Diabetes. 1992 Oct;41(10):1301-7.
PMID: 1397704 [PubMed - indexed for MEDLINE]

☐ **125:** Miettinen TA, Gylling H, Vanhanen H, Ollus A. Related Articles, Links

Cholesterol absorption, elimination, and synthesis related to LDL kinetics during varying fat intake in men with different apoprotein E phenotypes.
Arterioscler Thromb. 1992 Sep;12(9):1044-52.
PMID: 1525119 [PubMed - indexed for MEDLINE]

☐ **126:** Gylling H, Miettinen TA. Related Articles, Links

Cholesterol absorption and synthesis related to low density lipoprotein metabolism during varying cholesterol intake in men with different apoE phenotypes.
J Lipid Res. 1992 Sep;33(9):1361-71.
PMID: 1402403 [PubMed - indexed for MEDLINE]

☐ **127:** Wagner RD, Krul ES, Moberly JB, Alpers DH, Schonfeld G. Related Articles, Links

Apolipoprotein expression and cellular differentiation in Caco-2 intestinal cells.
Am J Physiol. 1992 Aug;263(2 Pt 1):E374-82.
PMID: 1514621 [PubMed - indexed for MEDLINE]

☐ **128:** Talmud PJ, Converse C, Krul E, Huq L, McIlwaine GG, Series JJ, Boyd P, Schonfeld G, Dunning A, Humphries S. Related Articles, Links

A novel truncated apolipoprotein B (apo B55) in a patient with familial hypobetalipoproteinemia and atypical retinitis pigmentosa.
Clin Genet. 1992 Aug;42(2):62-70.
PMID: 1424233 [PubMed - indexed for MEDLINE]

129: Lee SM, Kudchodkar BJ, Lacko AG. Related Articles, Links

Effect of ethinyl estradiol treatment on lipoproteins and LCAT activity in aged rats.
Mech Ageing Dev. 1992 Jun;64(1-2):123-31.
PMID: 1630152 [PubMed - indexed for MEDLINE]

130: Dallongeville J, Lussier-Cacan S, Davignon J. Related Articles, Links

Modulation of plasma triglyceride levels by apoE phenotype: a meta-analysis.
J Lipid Res. 1992 Apr;33(4):447-54.
PMID: 1388198 [PubMed - indexed for MEDLINE]

131: Thuren T, Weisgraber KH, Sisson P, Waite M. Related Articles, Links

Role of apolipoprotein E in hepatic lipase catalyzed hydrolysis of phospholipid in high-density lipoproteins.
Biochemistry. 1992 Mar 3;31(8):2332-8.
PMID: 1540589 [PubMed - indexed for MEDLINE]

132: Staels B, van Tol A, Andreu T, Auwerx J. Related Articles, Links

Fibrates influence the expression of genes involved in lipoprotein metabolism in a tissue-selective manner in the rat.
Arterioscler Thromb. 1992 Mar;12(3):286-94.
PMID: 1547188 [PubMed - indexed for MEDLINE]

133: Parks JS, Gebre AK, Edwards IJ, Wagner WD. Related Articles, Links

Role of LDL subfraction heterogeneity in the reduced binding of low density lipoproteins to arterial proteoglycans in cynomolgus monkeys fed a fish oil diet.
J Lipid Res. 1991 Dec;32(12):2001-8.
PMID: 1816328 [PubMed - indexed for MEDLINE]

134: Oscarsson J, Olofsson SO, Vikman K, Eden S. Related Articles, Links

Growth hormone regulation of serum lipoproteins in the rat: different growth hormone regulatory principles for apolipoprotein (apo) B and the sexually dimorphic apo E concentrations.
Metabolism. 1991 Nov;40(11):1191-8.
PMID: 1943748 [PubMed - indexed for MEDLINE]

135: Hardman DA, Pullinger CR, Hamilton RL, Kane JP, Malloy MJ. Related Articles, Links

Molecular and metabolic basis for the metabolic disorder normotriglyceridemic abetalipoproteinemia.
J Clin Invest. 1991 Nov;88(5):1722-9.
PMID: 1939657 [PubMed - indexed for MEDLINE]

136: Brown AJ, Roberts DC. Related Articles, Links

The effect of fasting triacylglyceride concentration and apolipoprotein E polymorphism on postprandial lipemia.
Arterioscler Thromb. 1991 Nov-Dec;11(6):1737-44.
PMID: 1931875 [PubMed - indexed for MEDLINE]

137: Ikeda H. Related Articles, Links

[A case of symptomatic hypobetalipoproteinemia with unusual

distribution of apolipoprotein E]
Nippon Ronen Igakkai Zasshi. 1991 Nov;28(6):823-8. Japanese.
PMID: 1795446 [PubMed - indexed for MEDLINE]

138: Nigon F, Lesnik P, Rouis M, Chapman MJ. Related Articles, Links

Discrete subspecies of human low density lipoproteins are heterogeneous in their interaction with the cellular LDL receptor.
J Lipid Res. 1991 Nov;32(11):1741-53.
PMID: 1770294 [PubMed - indexed for MEDLINE]

139: Ramadori G, Knittel T, Schwogler S, Bieber F, Rieder H, Meyer zum Buschenfelde KH. Related Articles, Links

Dexamethasone modulates alpha 2-macroglobulin and apolipoprotein E gene expression in cultured rat liver fat-storing (Ito) cells.
Hepatology. 1991 Nov;14(5):875-82.
PMID: 1718836 [PubMed - indexed for MEDLINE]

140: Genest JJ Jr, Bard JM, Fruchart JC, Ordovas JM, Wilson PF, Schaefer EJ. Related Articles, Links

Plasma apolipoprotein A-I, A-II, B, E and C-III containing particles in men with premature coronary artery disease.
Atherosclerosis. 1991 Oct;90(2-3):149-57.
PMID: 1684707 [PubMed - indexed for MEDLINE]

141: Bekaert ED, Alaupovic P, Knight-Gibson CS, Laux MJ, Pelachyk JM, Norum RA. Related Articles, Links

Characterization of apoA- and apoB-containing lipoprotein particles in a variant of familial apoA-I deficiency with planar xanthoma: the metabolic significance of LP-A-II particles.
J Lipid Res. 1991 Oct;32(10):1587-99.
PMID: 1797940 [PubMed - indexed for MEDLINE]

142: Ghosh P, Chirtel SJ, Lakshman MR. Related Articles, Links

Effect of chronic ethanol on apolipoprotein (Apo) E synthesis and glycosylation in rats.
Alcohol Clin Exp Res. 1991 Aug;15(4):725-9.
PMID: 1928650 [PubMed - indexed for MEDLINE]

143: Turner ST, Michels VV. Related Articles, Links

Sodium-lithium countertransport and hypertension in Rochester, Minnesota.
Hypertension. 1991 Aug;18(2):183-90.
PMID: 1885226 [PubMed - indexed for MEDLINE]

144: Eto M, Watanabe K, Makino I, Ishii K. Related Articles, Links

Apolipoprotein E allele frequencies in non-insulin-dependent diabetes mellitus with hypertriglyceridemia (type IIb, III, IV, and V hyperlipoproteinemia).
Metabolism. 1991 Aug;40(8):776-80.
PMID: 1861626 [PubMed - indexed for MEDLINE]

145: Agnani G, Bard JM, Candelier L, Delattre S, Fruchart JC, Clavey V. Related Articles, Links

Interaction of LpB, LpB:E, LpB:C-III, and LpB:C-III:E lipoproteins with the low density lipoprotein receptor of HeLa cells.
Arterioscler Thromb. 1991 Jul-Aug;11(4):1021-9.
PMID: 2065026 [PubMed - indexed for MEDLINE]

146: Kempen HJ, de Knijff P, Boomsma DI, van der Voort HA, Gevers Leuven JA, Havekes L. Related Articles, Links

Plasma levels of lathosterol and phytosterols in relation to age, sex, anthropometric parameters, plasma lipids, and apolipoprotein E phenotype, in 160 Dutch families.
Metabolism. 1991 Jun;40(6):604-11.
PMID: 1865824 [PubMed - indexed for MEDLINE]

147: Lin RC, Lumeng L. Related Articles, Links

Effect of chronic ethanol feeding on high density lipoprotein subfractions in rats.
Alcohol Clin Exp Res. 1991 Mar;15(2):207-11.
PMID: 2058797 [PubMed - indexed for MEDLINE]

148: Bekaert ED, Alaupovic P, Knight-Gibson C, Blackett P, Ayrault-Jarrier M. Related Articles, Links

Composition of plasma ApoA-I-containing lipoprotein particles in children and adults.
Pediatr Res. 1991 Mar;29(3):315-21.
PMID: 1903524 [PubMed - indexed for MEDLINE]

149: Parks JS, Gebre AK. Related Articles, Links

Studies on the effect of dietary fish oil on the physical and chemical properties of low density lipoproteins in cynomolgus monkeys.
J Lipid Res. 1991 Feb;32(2):305-15.
PMID: 2066665 [PubMed - indexed for MEDLINE]

150: Lehtimaki T, Moilanen T, Nikkari T, Solakivi T, Porkka K, Ehnholm C, Ronnemaa T, Akerblom HK, Uhari M, Nuutinen EM, et al. Related Articles, Links

Regional differences in apolipoprotein E polymorphism in Finland.
Ann Med. 1991 Feb;23(1):61-6.
PMID: 2036207 [PubMed - indexed for MEDLINE]

151: Savolainen MJ, Rantala M, Kervinen K, Jarvi L, Suvanto K, Rantala T, Kesaniemi YA. Related Articles, Links

Magnitude of dietary effects on plasma cholesterol concentration: role of sex and apolipoprotein E phenotype.
Atherosclerosis. 1991 Feb;86(2-3):145-52.
PMID: 1872909 [PubMed - indexed for MEDLINE]

152: Banka CL, Black AS, Dyer CA, Curtiss LK. Related Articles, Links

THP-1 cells form foam cells in response to coculture with lipoproteins but not platelets.
J Lipid Res. 1991 Jan;32(1):35-43.
PMID: 2010692 [PubMed - indexed for MEDLINE]

153: Kushwaha RS, Foster DM, Barrett PH, Carey KD, Bernard MG. Related Articles, Links

Metabolic regulation of plasma apolipoprotein E by estrogen and progesterone in the baboon (Papio sp).
Metabolism. 1991 Jan;40(1):93-100.
PMID: 1984576 [PubMed - indexed for MEDLINE]

154: Miller JP. Related Articles, Links

Dyslipoproteinaemia of liver disease.
Baillieres Clin Endocrinol Metab. 1990 Dec;4(4):807-32. Review.
PMID: 2082907 [PubMed - indexed for MEDLINE]

155: Nowicka G, Bruning T, Bottcher A, Kahl G, Schmitz G. Related Articles, Links

Macrophage interaction of HDL subclasses separated by free flow isotachophoresis

J Lipid Res. 1990 Nov;31(11):1947-63.
PMID: 2086694 [PubMed - indexed for MEDLINE]

☐ **156:** Semenkovich CF, Ostlund RE Jr, Olson MO, Yang JW. Related Articles, Links

A protein partially expressed on the surface of HepG2 cells that binds lipoproteins specifically is nucleolin.
Biochemistry. 1990 Oct 16;29(41):9708-13.
PMID: 2176855 [PubMed - indexed for MEDLINE]

☐ **157:** Keidar S, Ostlund RE Jr, Schonfeld G. Related Articles, Links

Apolipoprotein E-rich HDL in patients with homozygous familial hypercholesterolemia.
Atherosclerosis. 1990 Oct;84(2-3):155-63.
PMID: 2126436 [PubMed - indexed for MEDLINE]

☐ **158:** Liu B, Wu Z, Zhang Z, Fan P, Liu M, Fu M, Luo J. Related Articles, Links

[Effects of high carbohydrate and high fat diet on plasma apolipoproteins AI, AII, B100, CI, CII, CIII and E in normal and hypertriglyceridemic humans]
Hua Xi Yi Ke Da Xue Xue Bao. 1990 Sep;21(4):349-53. Chinese.
PMID: 2094629 [PubMed - indexed for MEDLINE]

☐ **159:** Weisgraber KH. Related Articles, Links

Apolipoprotein E distribution among human plasma lipoproteins: role of the cysteine-arginine interchange at residue 112.
J Lipid Res. 1990 Aug;31(8):1503-11.
PMID: 2280190 [PubMed - indexed for MEDLINE]

☐ **160:** Mims MP, Soma MR, Morrisett JD. Related Articles, Links

Effect of particle size and temperature on the conformation and physiological behavior of apolipoprotein E bound to model lipoprotein particles.
Biochemistry. 1990 Jul 17;29(28):6639-47.
PMID: 2168737 [PubMed - indexed for MEDLINE]

☐ **161:** Nowicka G, Bruning T, Grothaus B, Kahl G, Schmitz G. Related Articles, Links

Characterization of apolipoprotein B-containing lipoproteins separated by preparative free flow isotachophoresis.
J Lipid Res. 1990 Jul;31(7):1173-86.
PMID: 2401852 [PubMed - indexed for MEDLINE]

☐ **162:** Black SC, Hewett S, Kotubi Y, Brunt RV, Reckless JP. Related Articles, Links

Isoform patterns of apolipoprotein E in diabetes mellitus.
Diabet Med. 1990 Jul;7(6):532-9.
PMID: 2142057 [PubMed - indexed for MEDLINE]

☐ **163:** Pouliot MC, Despres JP, Moorjani S, Lupien PJ, Tremblay A, Bouchard C. Related Articles, Links

Apolipoprotein E polymorphism alters the association between body fatness and plasma lipoproteins in women.
J Lipid Res. 1990 Jun;31(6):1023-9.
PMID: 2373952 [PubMed - indexed for MEDLINE]

☐ **164:** Clifton PM, Kestin M, Abbey M, Drysdale M, Nestel PJ. Related Articles, Links

Relationship between sensitivity to dietary fat and dietary cholesterol.
Arteriosclerosis. 1990 May-Jun;10(3):394-401.
PMID: 2344298 [PubMed - indexed for MEDLINE]

☐ **165:** Eichner JE, Kuller LH, Ferrell RE, Meilahn EN, Kamboh MI. Related Articles, Links

Phenotypic effects of apolipoprotein structural variation on lipid profiles. III. Contribution of apolipoprotein E phenotype to prediction of total cholesterol, apolipoprotein B, and low density lipoprotein cholesterol in the healthy women study.
Arteriosclerosis. 1990 May-Jun;10(3):379-85.
PMID: 2344296 [PubMed - indexed for MEDLINE]

☐ **166:** Brown SA, Rogers LK, Dunn JK, Gotto AM Jr, Patsch W. Related Articles, Links

Development of cholesterol homeostatic memory in the rat is influenced by maternal diets.
Metabolism. 1990 May;39(5):468-73.
PMID: 2336034 [PubMed - indexed for MEDLINE]

☐ **167:** Sato T, Ito H, Akiyama K, Shiraki M, Kita M, Noma A. Related Articles, Links

[Effects of age and gender on serum levels of apolipoprotein A-I, A-II, B, C-II, C-III and E, measured by turbidimetric immunoassay, in normolipidemic Japanese elderly]
Nippon Ronen Igakkai Zasshi. 1990 May;27(3):343-50. Japanese.
PMID: 2120491 [PubMed - indexed for MEDLINE]

☐ **168:** Krasinski SD, Cohn JS, Russell RM, Schaefer EJ. Related Articles, Links

Postprandial plasma vitamin A metabolism in humans: a reassessment of the use of plasma retinyl esters as markers for intestinally derived chylomicrons and their remnants.
Metabolism. 1990 Apr;39(4):357-65.
PMID: 2325560 [PubMed - indexed for MEDLINE]

☐ **169:** Wardell MR, Rall SC Jr, Brennan SO, Nye ER, George PM, Janus ED, Weisgraber KH. Related Articles, Links

Apolipoprotein E2-Dunedin (228 Arg replaced by Cys): an apolipoprotein E2 variant with normal receptor-binding activity.
J Lipid Res. 1990 Mar;31(3):535-43.
PMID: 2341812 [PubMed - indexed for MEDLINE]

☐ **170:** Keidar S, Goldberg AC, Cook K, Bateman J, Schonfeld G. Related Articles, Links

A high carbohydrate-fat free diet alters the proportion of heparin-bound VLDL in plasma and the expression of VLDL-apoB-100 epitopes.
Metabolism. 1990 Mar;39(3):281-8.
PMID: 2308518 [PubMed - indexed for MEDLINE]

☐ **171:** Asami H, Iriyama K. Related Articles, Links

In vitro transfer of apolipoproteins from plasma lipoproteins to artificial lipid particles.
Nutrition. 1990 Mar-Apr;6(2):143-5.
PMID: 2134526 [PubMed - indexed for MEDLINE]

☐ **172:** Bard JM, Parra HJ, Douste-Blazy P, Fruchart JC. Related Articles, Links

Effect of pravastatin, an HMG CoA reductase inhibitor, and cholestyramine, a bile acid sequestrant, on lipoprotein particles defined by their apolipoprotein composition.
Metabolism. 1990 Mar;39(3):269-73.
PMID: 2106607 [PubMed - indexed for MEDLINE]

☐ **173:** Dashti N, Smith EA, Alaupovic P. Related Articles, Links

Increased production of apolipoprotein B and its lipoproteins by oleic acid in Caco-2 cells

J Lipid Res. 1990 Jan;31(1):113-23.
PMID: 2313196 [PubMed - indexed for MEDLINE]

174: Schmitz G, Kovacs E, Nowicka G. Related Articles, Links

[Peripheral remnant metabolism]
Klin Wochenschr. 1990;68 Suppl 22:32-7. Review. German.
PMID: 2087076 [PubMed - indexed for MEDLINE]

175: Steinmetz A. Related Articles, Links

[Intestinal apolipoprotein metabolism]
Klin Wochenschr. 1990;68 Suppl 22:12-8. Review. German.
PMID: 2087069 [PubMed - indexed for MEDLINE]

176: Bostrom K, Lauer SJ, Poksay KS, Garcia Z, Taylor JM, Innerarity TL. Related Articles, Links

Apolipoprotein B48 RNA editing in chimeric apolipoprotein EB mRNA.
J Biol Chem. 1989 Sep 15;264(26):15701-8.
PMID: 2475506 [PubMed - indexed for MEDLINE]

177: Dashti N, Williams DL, Alaupovic P. Related Articles, Links

Effects of oleate and insulin on the production rates and cellular mRNA concentrations of apolipoproteins in HepG2 cells.
J Lipid Res. 1989 Sep;30(9):1365-73.
PMID: 2689548 [PubMed - indexed for MEDLINE]

178: Gebicke-Haerter PJ, Shooter EM. Related Articles, Links

Sulfation of rat apolipoprotein E.
J Neurochem. 1989 Sep;53(3):912-6.
PMID: 2668445 [PubMed - indexed for MEDLINE]

179: Cheung MC, Lum KD, Brouillette CG, Bisgaier CL. Related Articles, Links

Characterization of apoA-I-containing lipoprotein subpopulations secreted by HepG2 cells.
J Lipid Res. 1989 Sep;30(9):1429-36.
PMID: 2557373 [PubMed - indexed for MEDLINE]

180: Ohta T, Hattori S, Nishiyama S, Higashi A, Matsuda I. Related Articles, Links

Quantitative and qualitative changes of apolipoprotein AI-containing lipoproteins in patients on continuous ambulatory peritoneal dialysis.
Metabolism. 1989 Sep;38(9):843-9.
PMID: 2505016 [PubMed - indexed for MEDLINE]

181: Poullain MG, Vacher D, Cezard JP, Girard-Globa A. Related Articles, Links

Serum lipids and apolipoproteins in the rat refed after starving: influence of the molecular form of nitrogen (protein, peptides, or free amino acids).
Metabolism. 1989 Aug;38(8):740-4.
PMID: 2761411 [PubMed - indexed for MEDLINE]

182: Lakshman MR, Chirtel SJ, Chambers LC, Campbell BS. Related Articles, Links

Hepatic synthesis of apoproteins of very low density and high density lipoproteins in perfused rat liver: influence of chronic heavy and moderate doses of ethanol.
Alcohol Clin Exp Res. 1989 Aug;13(4):554-9.
PMID: 2508507 [PubMed - indexed for MEDLINE]

183: Staels B, Auwerx J, Chan L, van Tol A, Rosseneu M, Verhoeven G. Related Articles, Links

Influence of development, estrogens, and food intake on apolipoprotein

A-I, A-II, and E mRNA in rat liver and intestine.
J Lipid Res. 1989 Aug;30(8):1137-45.
PMID: 2504861 [PubMed - indexed for MEDLINE]

☐ **184:** Winkler KE, Marsh JB. Related Articles, Links

Metabolism of triglyceride-rich nascent rat hepatic high density lipoproteins.
J Lipid Res. 1989 Jul;30(7):989-96.
PMID: 2794797 [PubMed - indexed for MEDLINE]

☐ **185:** Winkler KE, Marsh JB. Related Articles, Links

Characterization of nascent high density lipoprotein subfractions from perfusates of rat liver.
J Lipid Res. 1989 Jul;30(7):979-87.
PMID: 2794796 [PubMed - indexed for MEDLINE]

☐ **186:** Forte TM, McCall MR, Knowles BB, Shore VG. Related Articles, Links

Isolation and characterization of lipoproteins produced by human hepatoma-derived cell lines other than HepG2.
J Lipid Res. 1989 Jun;30(6):817-29.
PMID: 2551986 [PubMed - indexed for MEDLINE]

☐ **187:** Ogawa H, Nishikawa T, Fukushima S, Sasagawa S. Related Articles, Links

[Studies on stroke-prone spontaneously hypertensive rats (SHRSP) fed a high-fat and high-cholesterol diet--changes in serum concentrations and distributions of apolipoproteins A-I, A-IV and E]
Nippon Eiseigaku Zasshi. 1989 Jun;44(2):622-30. Japanese.
PMID: 2509768 [PubMed - indexed for MEDLINE]

☐ **188:** Robert D, Jeanmonod R, Favre H, Fruchart JC, Sturzenegger E, Riesen W. Related Articles, Links

Changes in lipoproteins induced by the remnant kidney tissue or binephrectomy in chronic uremic patients treated by hemodialysis.
Metabolism. 1989 Jun;38(6):514-21.
PMID: 2498613 [PubMed - indexed for MEDLINE]

☐ **189:** Dory L. Related Articles, Links

Synthesis and secretion of apoE in thioglycolate-elicited mouse peritoneal macrophages: effect of cholesterol efflux.
J Lipid Res. 1989 Jun;30(6):809-16.
PMID: 2477479 [PubMed - indexed for MEDLINE]

☐ **190:** Lalazar A, Mahley RW. Related Articles, Links

Human apolipoprotein E. Receptor binding activity of truncated variants with carboxyl-terminal deletions.
J Biol Chem. 1989 May 25;264(15):8447-50.
PMID: 2542277 [PubMed - indexed for MEDLINE]

☐ **191:** Laberge C. Related Articles, Links

Myotonic dystrophy in Quebec: geographical distribution and concept of genetic homogeneity.
Can J Neurol Sci. 1989 Feb;16(1):123-8.
PMID: 2924206 [PubMed - indexed for MEDLINE]

☐ **192:** Annuzzi G, Holmquist L, Carlson LA. Related Articles, Links

Concentrations of apolipoproteins B, C-I, C-II, C-III, E and lipids in serum and serum lipoproteins of normal subjects during alimentary

lipaemia.
Scand J Clin Lab Invest. 1989 Feb;49(1):73-81.
PMID: 2727620 [PubMed - indexed for MEDLINE]

☐ **193:** Winkler L, Schlag B, Ostermann G, Dargel R. Related Articles, Links

Apolipoproteins as risk indicators of ischemic heart disease.
Przegl Lek. 1989;46(7):595-8. English, Polish.
PMID: 2587787 [PubMed - indexed for MEDLINE]

☐ **194:** Mahley RW, Hui DY, Innerarity TL, Beisiegel U. Related Articles, Links

Chylomicron remnant metabolism. Role of hepatic lipoprotein receptors in mediating uptake.
Arteriosclerosis. 1989 Jan-Feb;9(1 Suppl):I14-8.
PMID: 2536272 [PubMed - indexed for MEDLINE]

☐ **195:** Georgopoulos A, Applebaum-Bowden D, Margolis S. Related Articles, Links

Improved glycemic control lowers plasma apoprotein E and triglyceride levels following ingestion of a fat load in insulin-dependent diabetic subjects.
Metabolism. 1988 Sep;37(9):837-43.
PMID: 3047520 [PubMed - indexed for MEDLINE]

☐ **196:** Lin RC. Related Articles, Links

Effects of hormones on apolipoprotein secretion in cultured rat hepatocytes.
Metabolism. 1988 Aug;37(8):745-51.
PMID: 3136298 [PubMed - indexed for MEDLINE]

☐ **197:** Okabe H, Yokoyama S, Yamamoto A. Related Articles, Links

Modulation of cholesterol microenvironment with apolipoproteins induced by the presence of cholesteryl ester in lipid microemulsion.
J Biochem (Tokyo). 1988 Jul;104(1):141-8.
PMID: 3220825 [PubMed - indexed for MEDLINE]

☐ **198:** Vezina CA, Milne RW, Weech PK, Marcel YL. Related Articles, Links

Apolipoprotein distribution in human lipoproteins separated by polyacrylamide gradient gel electrophoresis.
J Lipid Res. 1988 May;29(5):573-85.
PMID: 3411236 [PubMed - indexed for MEDLINE]

☐ **199:** Geiman BB, Rifai N, Christenson RH, Silverman LM. Related Articles, Links

Cerebrospinal fluid and plasma apolipoproteins in patients with multiple sclerosis.
Ann Clin Lab Sci. 1988 Jan-Feb;18(1):46-52.
PMID: 3355096 [PubMed - indexed for MEDLINE]

☐ **200:** Boerwinkle E, Utermann G. Related Articles, Links

Simultaneous effects of the apolipoprotein E polymorphism on apolipoprotein E, apolipoprotein B, and cholesterol metabolism.
Am J Hum Genet. 1988 Jan;42(1):104-12.
PMID: 3337104 [PubMed - indexed for MEDLINE]

☐ **201:** Knopp RH, Walden CE, Warnick GR, Albers JJ, Ginsberg J, McGinnis BM. Related Articles, Links

Effect of fenofibrate treatment on plasma lipoprotein lipids, high-density lipoprotein cholesterol subfractions, and apolipoproteins B, AI, AII, and E.
Am J Med. 1987 Nov 27;83(5B):75-84.

PMID: 3120587 [PubMed - indexed for MEDLINE]

202: Gelman BB, Rifai N, Goodrum JF, Bouldin TW, Krigman MR. Related Articles, Links

Apolipoprotein E is released by rat sciatic nerve during segmental demyelination and remyelination.
J Neuropathol Exp Neurol. 1987 Nov;46(6):644-52.
PMID: 2821195 [PubMed - indexed for MEDLINE]

203: Mackinnon AM, Drevon CA, Sand TM, Davis RA. Related Articles, Links

Regulation of bile acid synthesis in cultured rat hepatocytes: stimulation by apoE-rich high density lipoproteins.
J Lipid Res. 1987 Jul;28(7):847-55.
PMID: 3625041 [PubMed - indexed for MEDLINE]

204: Apostolopoulos JJ, Howlett GJ, Fidge N. Related Articles, Links

Effects of dietary cholesterol and hypothyroidism on rat apolipoprotein mRNA metabolism.
J Lipid Res. 1987 Jun;28(6):642-8.
PMID: 3112298 [PubMed - indexed for MEDLINE]

205: Berg K. Related Articles, Links

Twin studies of coronary heart disease and its risk factors.
Acta Genet Med Gemellol (Roma). 1987;36(4):439-53.
PMID: 2970198 [PubMed - indexed for MEDLINE]

206: Eto M, Watanabe K, Iwashima Y, Morikawa A, Oshima E, Sekiguchi M, Ishii K. Related Articles, Links

Apolipoprotein E polymorphism and hyperlipemia in type II diabetics.
Diabetes. 1986 Dec;35(12):1374-82.
PMID: 3770314 [PubMed - indexed for MEDLINE]

207: Mims MP, Chari MV, Morrisett JD. Related Articles, Links

Motion and surface accessibility of spin-labeled lipids in a model lipoprotein containing cholesteryl oleate, dimyristoylphosphatidylcholine, and apolipoprotein E.
Biochemistry. 1986 Nov 18;25(23):7494-501.
PMID: 3026456 [PubMed - indexed for MEDLINE]

208: Dallinga-Thie GM, Schneijderberg VL, van Tol A. Related Articles, Links

Identification and characterization of rat serum lipoprotein subclasses. Isolation by chromatography on agarose columns and sequential immunoprecipitation.
J Lipid Res. 1986 Oct;27(10):1035-43.
PMID: 3794547 [PubMed - indexed for MEDLINE]

209: Knipping G, Birchbauer A, Steyrer E, Groener J, Zechner R, Kostner GM. Related Articles, Links

Studies on the substrate specificity of human and pig lecithin: cholesterol acyltransferase: role of low-density lipoproteins.
Biochemistry. 1986 Sep 9;25(18):5242-9.
PMID: 3768345 [PubMed - indexed for MEDLINE]

210: Sedlis SP, Schechtman KB, Ludbrook PA, Sobel BE, Schonfeld G. Related Articles, Links

Plasma apoproteins and the severity of coronary artery disease.
Circulation. 1986 May;73(5):978-86.
PMID: 3084125 [PubMed - indexed for MEDLINE]

211: Gianturco SH, Brown SA, Via DP, Bradley WA. Related Articles, Links

The beta-VLDL receptor pathway of murine P388D1 macrophages.
J Lipid Res. 1986 Apr;27(4):412-20.
PMID: 3723014 [PubMed - indexed for MEDLINE]

212: van Biervliet JP, Rosseneu M, Bury J, Caster H, Stul MS, Lamote R. Related Articles, Links

Apolipoprotein and lipid composition of plasma lipoproteins in neonates during the first month of life.
Pediatr Res. 1986 Apr;20(4):324-8.
PMID: 3085061 [PubMed - indexed for MEDLINE]

213: Pomerantz KB, Fleisher LN, Tall AR, Cannon PJ. Related Articles, Links

Enrichment of endothelial cell arachidonate by lipid transfer from high density lipoproteins: relationship to prostaglandin I2 synthesis.
J Lipid Res. 1985 Oct;26(10):1269-76.
PMID: 3934304 [PubMed - indexed for MEDLINE]

214: Weisgraber KH, Innerarity TL, Rall SC Jr, Mahley RW. Related Articles, Links

Receptor interactions controlling lipoprotein metabolism.
Can J Biochem Cell Biol. 1985 Aug;63(8):898-905. Review.
PMID: 2998579 [PubMed - indexed for MEDLINE]

215: Lin-Lee YC, Kao FT, Cheung P, Chan L. Related Articles, Links

Apolipoprotein E gene mapping and expression: localization of the structural gene to human chromosome 19 and expression of ApoE mRNA in lipoprotein- and non-lipoprotein-producing tissues.
Biochemistry. 1985 Jul 2;24(14):3751-6.
PMID: 3840034 [PubMed - indexed for MEDLINE]

216: Cole TG, Pfleger B, Hitchins O, Schonfeld G. Related Articles, Links

Effects of high cholesterol high fat diet on plasma lipoproteins in familial hypercholesterolemia.
Metabolism. 1985 May;34(5):486-93.
PMID: 3990563 [PubMed - indexed for MEDLINE]

217: Reardon MF, Nestel PJ, Craig IH, Harper RW. Related Articles, Links

Lipoprotein predictors of the severity of coronary artery disease in men and women.
Circulation. 1985 May;71(5):881-8.
PMID: 3986978 [PubMed - indexed for MEDLINE]

218: Muls E, Rosseneu M, Lamberigts G, De Moor P. Related Articles, Links

Changes in the distribution and composition of high-density lipoproteins in primary hypothyroidism.
Metabolism. 1985 Apr;34(4):345-53.
PMID: 3920475 [PubMed - indexed for MEDLINE]

219: Schmitz G, Assmann G, Augustin J, Dirkes-Kersting A, Brennhausen B, Karoff C. Related Articles, Links

Characterization of very low density lipoproteins and intermediate density lipoproteins of normo- and hyperlipidemic apolipoprotein E-2 homozygotes.
J Lipid Res. 1985 Mar;26(3):316-26.
PMID: 3989390 [PubMed - indexed for MEDLINE]

220: Edelstein C, Byrne RE, Yamamoto K, Zarins C, Scanu AM. Related Articles, Links

Plasma lipoprotein changes attending the intravenous administration of Triton WR-1339 in normolipidemic dogs: preferential effect on high

density lipoproteins.
J Lipid Res. 1985 Mar;26(3):351-9.
PMID: 3921637 [PubMed - indexed for MEDLINE]

☐ **221:** Bradley WA, Gotto AM Jr, Gianturco SH. Related Articles, Links

Expression of LDL receptor binding determinants in very low density lipoproteins.
Ann N Y Acad Sci. 1985;454:239-47. Review.
PMID: 3907464 [PubMed - indexed for MEDLINE]

☐ **222:** Marcel YL, Weech PK, Nguyen TD, Milne RW, McConathy WJ. Related Articles, Links

Apolipoproteins as the basis for heterogeneity in high-density lipoprotein2 and high-density lipoprotein3. Studies by isoelectric focusing on agarose films.
Eur J Biochem. 1984 Sep 17;143(3):467-76.
PMID: 6479161 [PubMed - indexed for MEDLINE]

☐ **223:** Blackett PR, Lee DM, Donaldson DL, Fesmire JD, Chan WY, Holcombe JH, Rennert OM. Related Articles, Links

Studies of lipids, lipoproteins, and apolipoproteins in Menkes' disease.
Pediatr Res. 1984 Sep;18(9):864-70.
PMID: 6483510 [PubMed - indexed for MEDLINE]

☐ **224:** Kameda K, Matsuzawa Y, Kubo M, Ishikawa K, Maejima I, Yamamura T, Yamamoto A, Tarui S. Related Articles, Links

Increased frequency of lipoprotein disorders similar to type III hyperlipoproteinemia in survivors of myocardial infarction in Japan.
Atherosclerosis. 1984 May-Jun;51(2-3):241-9.
PMID: 6743382 [PubMed - indexed for MEDLINE]

☐ **225:** Tamai T, Patsch W, Lock D, Schonfeld G. Related Articles, Links

Receptors for homologous plasma lipoproteins on a rat hepatoma cell line.
J Lipid Res. 1983 Dec;24(12):1568-77.
PMID: 6321620 [PubMed - indexed for MEDLINE]

☐ **226:** Van Berkel TJ, Kruijt JK, Scheek LM, Groot PH. Related Articles, Links

Effect of apolipoproteins E and C-III on the interaction of chylomicrons with parenchymal and non-parenchymal cells from rat liver.
Biochem J. 1983 Oct 15;216(1):71-80.
PMID: 6651780 [PubMed - indexed for MEDLINE]

☐ **227:** Norum KR, Berg T, Helgerud P, Drevon CA. Related Articles, Links

Transport of cholesterol.
Physiol Rev. 1983 Oct;63(4):1343-419. Review.
PMID: 6361811 [PubMed - indexed for MEDLINE]

Display Summary Show: 500 Sort Send to Text

Items 1-227 of 227 One page.

Connecting via Winsock to STN
Welcome to STN International! Enter x:x
* * * * * * * * * * Welcome to STN International * * * * * * * * * *
* * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 10:37:19 ON 02 JAN 2004

=> file BIOSCIENCE
FILE 'ADISCTI' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 Adis Data Information BV

FILE 'ADISINSIGHT' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 Adis Data Information BV

FILE 'ADISNEWS' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 Adis Data Information BV

FILE 'AGRICOLA' ENTERED AT 10:37:29 ON 02 JAN 2004

FILE 'ANABSTR' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (c) 2004 THE ROYAL SOCIETY OF CHEMISTRY (RSC)

FILE 'AQUASCI' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT 2004 FAO (On behalf of the ASFA Advisory Board). All rights reserved.

FILE 'BIOBUSINESS' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 Biological Abstracts, Inc. (BIOSIS)

FILE 'BIOCOMMERCE' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 BioCommerce Data Ltd. Richmond Surrey, United Kingdom. All rights reserved

FILE 'BIOSIS' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'BIOTECHABS' ACCESS NOT AUTHORIZED

FILE 'BIOTECHDS' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 THOMSON DERWENT AND INSTITUTE FOR SCIENTIFIC INFORMATION

FILE 'BIOTECHNO' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'CABA' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 CAB INTERNATIONAL (CABI)

FILE 'CANCERLIT' ENTERED AT 10:37:29 ON 02 JAN 2004

FILE 'CAPLUS' ENTERED AT 10:37:29 ON 02 JAN 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'CEABA-VTB' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (c) 2004 DECHEMA eV

FILE 'CEN' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 American Chemical Society (ACS)

FILE 'CIN' ENTERED AT 10:37:29 ON 02 JAN 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 American Chemical Society (ACS)

FILE 'CONFSCI' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'CROPB' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'CROPU' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'DISSABS' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 ProQuest Information and Learning Company; All Rights Reserved

COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'DRUGB' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'DRUGMONOG2' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 IMSWORLD Publications Ltd

FILE 'IMSDRUGNEWS' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 IMSWORLD Publications Ltd

FILE 'DRUGU' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'IMSRESEARCH' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 IMSWORLD Publications Ltd

FILE 'EMBAL' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 Elsevier Inc. All rights reserved.

FILE 'EMBASE' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 Elsevier Inc. All rights reserved.

FILE 'ESBIOBASE' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'FEDRIP' ENTERED AT 10:37:29 ON 02 JAN 2004

FILE 'FOMAD' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 Leatherhead Food Research Association

FILE 'FOREGE' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 Leatherhead Food Research Association

FILE 'FROSTI' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 Leatherhead Food Research Association

FILE 'FSTA' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 International Food Information Service

FILE 'GENBANK' ENTERED AT 10:37:29 ON 02 JAN 2004

FILE 'HEALSAFE' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'IFIPAT' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 IFI CLAIMS(R) Patent Services (IFI)

FILE 'IMSPRODUCT' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 IMSWORLD Publications Ltd

FILE 'JICST-EPLUS' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 Japan Science and Technology Agency (JST)

FILE 'KOSMET' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 International Federation of the Societies of Cosmetics Chemists

FILE 'LIFESCI' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'MEDICONF' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (c) 2004 FAIRBASE Datenbank GmbH, Hannover, Germany

FILE 'MEDLINE' ENTERED AT 10:37:29 ON 02 JAN 2004

FILE 'NIOSHTIC' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 U.S. Secretary of Commerce on Behalf of the U.S. Government

FILE 'NTIS' ENTERED AT 10:37:29 ON 02 JAN 2004
Compiled and distributed by the NTIS, U.S. Department of Commerce.
It contains copyrighted material.
All rights reserved. (2004)

FILE 'NUTRACEUT' ENTERED AT 10:37:29 ON 02 JAN 2004

```
FILE 'OCEAN' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'PASCAL' ENTERED AT 10:37:29 ON 02 JAN 2004
Any reproduction or dissemination in part or in full,
by means of any process and on any support whatsoever
is prohibited without the prior written agreement of INIST-CNRS.
COPYRIGHT (C) 2004 INIST-CNRS. All rights reserved.

FILE 'PCTGEN' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 WIPO

FILE 'PHAR' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 PJB Publications Ltd. (PJB)

FILE 'PHARMAML' ENTERED AT 10:37:29 ON 02 JAN 2004
Copyright 2004 (c) MARKETLETTER Publications Ltd. All rights reserved.

FILE 'PHIC' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 PJB Publications Ltd. (PJB)

FILE 'PHIN' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 PJB Publications Ltd. (PJB)

FILE 'PROMT' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 Gale Group. All rights reserved.

FILE 'RDISCLOSURE' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 Kenneth Mason Publications Ltd.

FILE 'SCISEARCH' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT 2004 THOMSON ISI

FILE 'SYNTHLINE' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 Prous Science

FILE 'TOXCENTER' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 ACS

FILE 'USPATFULL' ENTERED AT 10:37:29 ON 02 JAN 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 10:37:29 ON 02 JAN 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'VETB' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'VETU' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'WPIDS' ENTERED AT 10:37:29 ON 02 JAN 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

=> s truncated apoE
  43 FILES SEARCHED...
L1           98 TRUNCATED APOE

=> DUP REM L1
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,
DRUGMONOG2, IMSRESEARCH, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, KOSMET,
MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, RDISCLOSURE, SYNTHLINE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L1
L2            27 DUP REM L1 (71 DUPLICATES REMOVED)

=> D L2 1-27

L2   ANSWER 1 OF 27  IFIPAT  COPYRIGHT 2004 IFI on STN DUPLICATE 1
AN    10333227  IFIPAT;IFIUDB;IFICDB
TI    METHODS OF SUPPRESSING MICROGLIAL ACTIVATION AND SYSTEMIC INFLAMMATORY
      RESPONSES
IN    Laskowitz Daniel T; Matthew William D; McMillian Michael
PA    Unassigned Or Assigned To Individual (68000)
```

RLI	US 1999-260430	19990301	CONTINUATION-IN-PART	ABANDONED
	US 2001-957909	20010921	CONTINUATION-IN-PART	PENDING
PRAI	US 1998-77551P	19980311	(Provisional)	
FI	US 2003077641	20030424		
DT	Utility; Patent Application - First Publication			
FS	CHEMICAL			
	APPLICATION			
CLMN	80			
GI	21 Figure(s).			

FIG. 1 graphs the production of nitrite by cultures of glial cells from ApoE-deficient mice (solid bar), ApoE3 transgenic mice (hatched bar), and control mice (white bar), after exposure to lipopolysaccharide (LPS). Responses were measured at 24 and 60 hours after stimulation of cell cultures by LPS.

FIG. 2 graphs nitrite production by enriched microglia primary cultures from ApoE-deficient mice after stimulation with LPS and subsequent addition of peptides of SEQ ID NO:3 (tandem repeat peptides). Peptides were added in doses of from 0 mu M to 1000 mu M, and a dose dependent decrease in nitrite production was observed. As a control, peptides of SEQ ID NO:2 were added to cultures (solid bar); no decrease in nitrite production was observed.

FIG. 3A graphs intracellular calcium content over time in murine peritoneal macrophages, after exposure to either ApoE3 (squares) or ApoE4 (circles).

FIG. 3B graphs inositol trisphosphate (IP3) in murine peritoneal macrophages exposed to either ApoE3 (squares) or ApoE4 (circles) . The graph shows the percent change in IP3 content in treated cells compared to control cells exposed to vehicle but not ApoE.

FIG. 4 graphs production of TNF alpha (picogram/ml) by microglia primary cultures from ApoE-deficient mice after addition of peptides of SEQ ID NO:6 (squares), or addition of peptides of SEQ ID NO:6 and LPS (100 ng/ml) (circles). Peptides were added in doses of 10 mu M, 100 mu M and 1000 mu M.

FIG. 5 is a graph of the optical density of cell cultures, as a measure of cell viability. Cultures of microglia from ApoEdeficient mice were exposed to either peptides of SEQ ID NO:6 (squares), or peptides of SEQ ID NO:6 and LPS (100 ng/ml) (circles). Peptides were added in doses of 10 mu M, 100 mu M and 1000 mu M.

FIG. 6 graphs production of TNF alpha (picogram/ml) by microglia primary cultures from ApoE-deficient mice after addition of peptides of SEQ ID NO:6 (squares), or addition of peptides of SEQ ID NO:6 and LPS (100 ng/ml) (circles). Peptides were added in doses of 1 mu M, 10 mu M, 100 mu M and 1000 mu M.

FIG. 7 is a graph of the optical density of cell cultures, as a measure of cell viability. Cultures of microglia from ApoEdeficient mice were exposed to either peptides of SEQ ID NO:6 (squares), or peptides of SEQ ID NO:6 and LPS (100 ng/ml) (circles). Peptides were added in doses of 10 mu M, 100 mu M and 1000 mu M.

FIG. 8. Changes in (Ca2+)i in macrophages treated with apoE. Panel A: Changes in (Ca2+)i in a single Fura-2/AM loaded peritoneal macrophage on stimulation with apoE (100 pM). Details for measuring (Ca2+)i are described in the Examples below. The graph shown is representative of 5 individual experiments using 20-30 cells each. Approximately 70-80% of the macrophage demonstrated changes in (Ca2+)i upon stimulation with apoE. The arrow indicates the time of addition of apoE. Panel B: Effect of apoE concentration on changes in (Ca2+)i. The changes in (Ca2+)i in individual cells were measured prior to and following exposure to varying concentrations of apoE. The data are displayed as mean (S.E.) and are representative of two independent experiments; in each case 25-30 cells were analyzed cells per study.

FIG. 9. Changes in IP3 in macrophages treated with apoE. Panel A: Effect of apoE on IP3 synthesis in macrophages, and modulation by pertussis toxin. These results are representative of two independent experiments performed in duplicate and expressed as % change in IP3 formation at different time periods in myo-(2-3H)inositol-labeled cells stimulated with apoE (100 pM) in the presence (open circles) and absence (filled circles) of pertussis toxin. Panel B: Effect of apoE concentration on IP3 formation in (3H)labeled macrophages. The cells were stimulated with varying concentrations of apoE for 60s and IP3 determined. Results are displayed as mean (S.E.) and are representative of two individual experiments performed in duplicate.

FIG. 10A shows the performance of mice with and without treatment on rotorod latency after closed head injury.

FIG. 10B shows the weight gain of mice with and without treatment after

water maze latency test after closed head injury.
FIG. 10D shows the survival of mice with and without treatment after closed head injury.
FIG. 11 shows the dose-response effect of human recombinant ApoE3 on NMDA-induced cell damage. Values=mean+-s.d., N=6 culture wells per condition. *=P less-than 0.05 compared to NMDA without ApoE3. Details for measuring NMDA-induced cell damage are provided in Examples below.
FIG. 12(A) is a schematic of full-length ApoE and ApoE-mimetic peptides. ApoE is represented by the open box. The 10-kDa lipidbinding domain is located at the carboxyl terminus and is denoted by the shaded region. The approximate region corresponding to the ApoE LDL receptor-binding domain is depicted by the solid box (amino acids 130-150, SEQ ID NO:13), followed by the sequences of the three ***truncated*** ***apoE*** -mimetic peptides used in these studies (SEQ ID NO: 10-12). (B) Circular dichroism spectra of ApoE peptides were recorded on an Aviv Model 202 CD spectrometer, using 0.1 cm pathlength cuvettes. CD spectra of the three peptides were consistent with a mixture of helical and random coil structure.
FIG. 13 contains graphs showing the dose response effect of ApoE peptide (133-149) (SEQ ID NO:10) on NMDA-induced cell damage of primary mixed neuronal-glial cultures at (A) 100 mu M NMDA or (B) 300 mu M NMDA. Values=mean+-s.d., N=6-8 culture wells per condition. =P less-than 0.05 compared to NMDA without peptide.
FIG. 14 is a graph showing the effect of truncations of ApoE peptide on NMDA-induced cell damage. Values=mean+-s.d., N=8 culture wells per condition. *=P less-than 0.05 compared to NMDA without peptide.
FIG. 15 is a graph showing the effect of ApoE peptide (133-149) on NMDA-induced Ca++ uptake by primary mixed neuronal-glial cultures. Values=mean+-s.d., N=8 culture wells per condition. *=P less-than 0.05 compared to NMDA without peptide.
FIG. 16 is a graph showing the effect of timing of ApoE peptide (133-149) exposure on NMDA-induced cell damage. Cultures were pre-treated (peptide added 24 h prior to and removed immediately before NMDA exposure), treated concurrently (peptide added immediately prior to and removed immediately after NMDA exposure), or post-treated (peptide added immediately after NMDA exposure and maintained in the medium until determination of LDH released from damaged cells 24 h later) with 6 mu M apoE peptide (133-149). Values=mean+-s.d., N=8 culture wells per condition. *=P less-than 0.05 compared to NMDA without peptide.
FIG. 17 contains graphs depicting the suppression of LPS-induced serum levels of TNF alpha (A) and IL-6 (B) by ApoE peptide (133149). The dark bars represent vehicle-treated animals and the light bars represent peptide-treated animals.

L2 ANSWER 2 OF 27 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN
AN 2003-457197 [43] WPIDS
CR 1999-551213 [46]
DNN N2003-363657 DNC C2003-121578
TI Use of an ApoE peptide for manufacture of medicament for reducing neuronal cell injury associated with glutamate excitotoxicity, alleviating or reducing chronic pain, correcting or preventing substance abuse.
DC B04 P31
IN LASKOWITZ, D T; MATTHEW, W D; MCMILLIAN, M
PA (COGN-N) COGNOSCI INC
CYC 101
PI WO 2003026479 A2 20030403 (200343)* EN 101p A61B000-00
RW: AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW
W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
ADT WO 2003026479 A2 WO 2002-US29824 20020923
PRAI US 2001-957909 20010921
IC ICM A61B000-00

L2 ANSWER 3 OF 27 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 2
AN 2003:526296 BIOSIS
DN PREV200300529419
TI Domains of apoE required for binding to apoE receptor 2 and to phospholipids: Implications for the functions of apoE in the brain.
AU Li, Xiaoping; Kypreos, Kyriakos; Zanni, Eleni E.; Zannis, Vassilis

Whitaker Cardiovascular Institute, Boston University School of Medicine, Boston, MA, 02118, USA
SO Biochemistry, (September 9 2003) Vol. 42, No. 35, pp. 10406-10417. print.
ISSN: 0006-2960 (ISSN print).
DT Article
LA English
ED Entered STN: 12 Nov 2003
Last Updated on STN: 12 Nov 2003

L2 ANSWER 4 OF 27 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 3
AN 2003:499827 BIOSIS
DN PREV200300501861
TI Molecular mechanisms of type III hyperlipoproteinemia: The contribution of the carboxy-terminal domain of ApoE can account for the dyslipidemia that is associated with the E2/E2 phenotype.
AU Kypreos, Kyriakos E.; Li, Xiaoping; van Dijk, Ko Willems; Havekes, Louis M.; Zannis, Vassilis I. [Reprint Author]
CS Molecular Genetics, Department of Medicine, Boston University School of Medicine, 715 Albany St., W509, Boston, MA, 02118-2394, USA
vzannis@bu.edu
SO Biochemistry, (August 26 2003) Vol. 42, No. 33, pp. 9841-9853. print.
ISSN: 0006-2960 (ISSN print).
DT Article
LA English
ED Entered STN: 29 Oct 2003
Last Updated on STN: 29 Oct 2003

L2 ANSWER 5 OF 27 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 4
AN 2003:161412 BIOSIS
DN PREV200300161412
TI Hyperlipidemia in APOE2 transgenic mice is ameliorated by a ***truncated*** ***apoE*** variant lacking the C-terminal domain.
AU Gerritsen, Gery; Kypreos, Kyriakos E.; van der Zee, Andre; Teusink, Bas; Zannis, Vassilis I.; Havekes, Louis M.; van Dijk, Ko Willems [Reprint Author]
CS Department of Human Genetics, Leiden University Medical Center, Leiden, Netherlands
kowvd@lumc.nl
SO Journal of Lipid Research, (February 2003) Vol. 44, No. 2, pp. 408-414. print.
CODEN: JLPRAW. ISSN: 0022-2275.
DT Article
LA English
ED Entered STN: 26 Mar 2003
Last Updated on STN: 26 Mar 2003

L2 ANSWER 6 OF 27 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
AN 2002-17953 BIOTECHDS
TI Inhibiting neurofibrillary tangles formation, useful for treating e.g. Alzheimer's, coronary artery disease or stroke, by reducing the formation of carboxyl-terminal truncated form of apolipoprotein E in a neuron of the individual;
neurofibrillary tangle formation inhibition and transgenic animal model use in disease therapy
AU HUANG Y; MAHLEY R W
PA GLADSTONE INST J DAVID
PI WO 2002038108 16 May 2002
AI WO 2000-US51172 3 Nov 2000
PRAI US 2000-245737 3 Nov 2000
DT Patent
LA English
OS WPI: 2002-490051 [52]

L2 ANSWER 7 OF 27 IFIPAT COPYRIGHT 2004 IFI on STN DUPLICATE 6
AN 10204292 IFIPAT;IFIUDB;IFICDB
TI METHODS OF TREATING DISORDERS RELATED TO APOE
IN Huang Yadong; Mahley Robert W
PA Unassigned Or Assigned To Individual (68000)
PI US 2002147999 A1 20021010
AI US 2001-33526 20011102
PRAI US 2000-245737P 20001103 (Provisional)
FI US 2002147999 20021010

APPLICATION
CLMN 31
GI 9 Figure(s).
FIG. 1 is a graph depicting the effect of A beta 1-42 on formation of intracellular inclusions in Neuro-2A cells producing apoE.
FIG. 2 is a graph depicting the percentage of GFP-apoE3(Delta 272-299)-transfected and GFP-apoE4(Delta 272-299)-transfected cells that contain neurofibrillary tangles.
FIGS. 3A-C depict the structure of apoE (FIG. 3A); results indicating amino acids of apoE that interact with p-tau and pNF-H (FIG. 3B); and results indicating the role of the amino terminal domain of apoE in formation of neurofibrillary tangles (FIG. 3C).
FIG. 4 depicts protein blots of brain lysates from normal individuals (N1 and N2) and individuals with Alzheimer's disease (AD1, AD2, and AD3), immunoprecipitated with anti-apoE antibody.
FIG. 5 is a graph depicting carboxyl-terminal truncated apoE3 and apoE4 in brains of NSE-apoE3 and NSE-apoE4 mice.
FIG. 6 is a graph depicting age-dependent accumulation of p-tau in brains of NSE-apoE mice.
FIG. 7 is a graph depicting the occurrence of p-tau-positive intraneuronal inclusions in the hippocampus of NSE-apoE4 transgenic mice.
FIG. 8 is a graph depicting the effect of various agents on the enzymatic activity of an enzyme that catalyzes proteolytic cleavage of apoE.
FIG. 9 is a graph depicting the results of inhibition of an apoE cleaving enzyme by various peptides.

L2 ANSWER 8 OF 27 IFIPAT COPYRIGHT 2004 IFI on STN DUPLICATE 7
AN 10179396 IFIPAT;IFIUDB;IFICDB
TI COMPOUNDS AND METHODS FOR LOWERING CHOLESTEROL LEVELS WITHOUT INDUCING HYPERTRIGYLCERIDEMIA; NUCLEOTIDE SEQUENCES CODING PREFERENTIAL POLYPEPTIDE FOR USE IN TREATMENT OF
IN Kypreos Kyriakos E (GR); Zannis Vassilis I
PA Unassigned Or Assigned To Individual (68000)
PI US 2002123093 A1 20020905
AI US 2001-827854 20010405
RLI US 2000-544386 20000406 CONTINUATION-IN-PART ABANDONED
US 2000-679088 20001004 CONTINUATION-IN-PART PENDING
FI US 2002123093 20020905
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION
OS CA 137:212027
CLMN 49
GI 19 Figure(s).
FIG. 1 is a schematic representation of the steps leading to the production of the apoE4-202 plasmids of the invention. The same method was used for generation of the corresponding apoE4-185, apoE4-229, and apoE4-259 plasmids.
FIGS. 2A and 2B are pictures of protein gels which demonstrate the ability of apoE4 and the truncated apoE4-202 to associate with lipoproteins in the density=1.04 to 1.21 g/ml fractions. FIGS. 2C and 2D are pictures of protein gels which demonstrate the ability of apoE4 and apoE4-202 to associate with VLDL particles.
FIG. 3A is a bar graph showing that recombinant adenoviruses expressing apoE4 increase the triglyceride levels in apoEdeficient mice. In contrast, a recombinant adenovirus expressing apoE4-202 does not cause this increase. FIG. 3B is a bar graph showing that recombinant adenoviruses expressing apoE4-202 produce a greater decrease in cholesterol levels in apoE-deficient mice than the corresponding viruses expressing full length apoE.
FIG. 4A is a bar graph and FIG. 4B is a picture of a gel demonstrating that recombinant adenoviruses expressing apoE4 or apoE4-202 synthesize comparable amounts of MRNA.
FIGS. 5A-5D are graphs showing that apoe-deficient mice infected with AdGFP-E4-202 had lower cholesterol levels on days 5 and 8 after infection than those infected with AdGFP-E4 or the AdGFP control where most of the cholesterol was found in the VLDL region. FIGS. 5E and 5F are graphs showing the increase in VLDLtriglyceride levels in mice on days 5 and 8 after infection with AdGFP-E4. In contrast, infection with AdGFP-E4-202 did no increase triglyceride levels.
FIG. 6 is a graph showing that the plasma of apoE-deficient mice infected with AdGFP-E4 or AdGFP-E4-202 have similar levels of lipid-free apoE protein (fractions 22-25). In the plasma of mice infected with AdGFP-E4, approximately 50% of the total apoE is distributed in the HDL fractions

mice infected with AdGFP-E4-202, the ***truncated*** ***apoe*** protein is present at a lower level than the full length apoE in mice infected with AdGFP-E4 and is uniformly distributed in all lipoprotein fractions.

FIG. 7A is a picture of a protein gel illustrating that in apoEdeficient mice infected with the recombinant adenovirus expressing apoE4, the apoE4 displaces other proteins from the VLDL density particles. No displacement of other proteins from the VLDL density particles is detected in mice infected with recombinant adenovirus expressing apoE4-202. FIG. 7B is a schematic illustration showing how the displacement of other proteins from the VLDL density particles by apoE4 could be the cause of hypertriglyceridemia. FIG. 7C is a schematic illustrations of the putative domains of apoE.

FIGS. 8A and 8B are bar graphs showing an in vivo time course analysis of serum triglyceride (FIG. 8A) and cholesterol levels (FIG. 8B) in apoe-deficient mice infected with an AdGFP control (no apoe), AdGFP-E4, AdGFP-E4-229, or AdGFP-E4-259. Infection of apoE-deficient mice with at a dose of 4 x 109 pfu of the adenoviruses expressing the truncated E4-229 or E4-259 forms significantly reduced the level of cholesterol without increasing the level of serum triglycerides. In contrast, infection with a dose of 2 x 109 pfu of the adenovirus expressing wild-type E4 does not appear to reduce cholesterol and causes a dramatic increase in serum triglyceride levels. The control virus AdGFP does not appear to have any effects on the basal (day 0) cholesterol and triglyceride levels of the apoE-deficient mice.

FIGS. 9A-9D are graphs showing the cholesterol FPLC lipoprotein profiles of serum samples from apoE-deficient mice infected with 2 x 109 pfu of AdGFP-E4 or 4 x 109 pfu of AdGFP control virus (FIGS. 9A and 9B) or with 4 x 109 pfu of AdGFP-E4-229 or AdGFP-E4-259 (FIGS. 9C and 9D). On days five and eight after infection, serum samples were collected and fractionated by FPLC on a Sepharose 6 column. Fractions were then analyzed for cholesterol content.

FIGS. 10A-10D are graphs showing triglyceride FPLC lipoprotein profiles of serum samples from apoE-deficient mice infected with 2 x 109 pfu of AdGFP-E4 or 4 x 109 pfu of AdGFP control virus (FIG. 10A and 11B) or with 4 x 109 pfu of AdGFP-E4-229 or AdGFP-E4-259 (FIG. 10C and 10D). On days five and eight after infection, serum samples were collected and fractionated by FPLC on a Sepharose 6 column. Fractions were then analyzed for triglyceride content.

FIGS. 11A and 11B are a Northern blot and a bar graph showing the in vivo mRNA expression of wt-apoE4, apoE4-229 and apoE4259. ApoE-deficient mice infected with the indicated doses of the AdGFP-E4, AdGFP-E4-229 or AdGFP-E4-259 viruses were sacrificed five days after infection, and liver samples were collected. Then total RNA from the liver samples was isolated and analyzed by Northern blot analysis for the expression of apoE and GAPDH; a representative autoradiogram is shown in FIG. 11A. The apoE mRNA levels normalized for GAPDH mRNA levels are graphed in FIG. 11 B, showing that all three apoE mRNAs are expressed to similar levels. ApoE4 causes hypertriglyceridemia and fails to clear cholesterol; in contrast, apoE4-229 and apoE4-259 drastically reduce cholesterol without the unwanted side-effect of hypertriglyceridemia (FIGS. 11C and 11D).

FIG. 12 is a bar graph of the average rate of VLDL triglyceride production in vivo for apoe-deficient mice infected with AdGFPE4-259, AdGFP-E4, or control AdGFP virus. Wild-type apoE4 induces a dramatic increase in VLDL triglyceride production compared to that induced by apoE4-259 or control virus. This failure of apoE4-259 to induce VLDL triglyceride production may contribute to the inability of the ***truncated*** ***apoE*** mutants to trigger hypertriglyceridemia.

FIGS. 13A-13C are pictures of gels showing that apoE4-229 and apoE4-259 can associate with smaller (higher density) apoEdeficient VLDL particles in addition to associating with the large (lowest density) apoE-deficient VLDL particles. The numbers below each lane of the gels represent the amount of apoE4 present in each lane in mg/dl, as determined by ELISA. The degree of association of apoE to apoE-deficient VLDL is similar for wild-type apoE4 and the apoE4-229 and apoE-259 truncated forms. The truncated forms of apoE4 have a greater association than wild-type apoE for higher density VLDL particles, which are smaller in size and have a lower triglyceride composition.

FIG. 14 is a schematic diagram of a model of the effects of overexpression of wild-type apoE, apoE-229, or apoE-259 on VLDL and chylomicron catabolism in vivo.

FIG. 15 is a picture of the SDS-PAGE analysis of the culture medium of HTB-13 cells infected with adenoviruses expressing apoE3, apoE4, apoE4-202 or apoE4-185. Fifteen mu l of culture medium were analyzed

levels, respectively of apoE-deficient and C57BL6 mice infected with either the control adenovirus AdGFP, a recombinant adenoviruses expressing wild-type apoE, or a recombinant adenoviruses expressing a ***truncated*** ***apoE*** . Mice were infected in triplicate with the indicated doses of the indicated recombinant adenovirus, and serum samples were isolated and analyzed for cholesterol and triglyceride levels on the indicated days after infection as described herein.

FIG. 17A is a picture of a representative autoradiograms of Northern blot analysis of mice infected with the indicated dose of the control adenoviruses AdGFP, a recombinant adenoviruses expressing wild-type apoe, or a recombinant adenoviruses expressing a ***truncated*** ***apoE*** . Total RNA was isolated from the livers of the infected mice on the indicated days after infection and analyzed by Northern blotting for the expression of apoE mRNA. FIG. 17A also shows the ethidium bromide staining of the gel for 18S ribosomal RNA as a control of RNA loading an integrity. FIG. 17B is a bar graph showing triglyceride levels of the individual mice expressed in mg/dl. FIG. 17B is a bar graph showing cholesterol levels of the individual mice expressed in mg/dl.

FIGS. 18A-18D are graphs of the FPLC profiles of cholesterol and triglycerides of mice infected with the apoE4-185 (FIGS. 18A and 18C, respectively) or apoE4 (FIGS. 18B and 18D, respectively) expressing adenovirus. Five days after infection of mice with either 2 x 109 pfu of the recombinant adenovirus expressing AdGFP-E4 or 1 x 1010 pfu of the recombinant adenovirus expressing AdGFP-E4-185, serum samples were obtained. These serum samples were fractionated by FPLC, and the cholesterol and triglyceride levels of each FPLC fraction were determined as described herein.

FIG. 19 is a bar graph of the average rate of hepatic VLDLtriglyceride production analysis in mice infected with AdGFP, AdGFP-E4, or AdGFP-E4-185. The bar-graph represents the mean+/standard deviation of the individual rates of VLDL-triglyceride production per virus group.

L2 ANSWER 9 OF 27 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 8
AN 2002:390964 BIOSIS
DN PREV200200390964
TI ***Truncated*** ***apoE*** forms tangle-like structures in a neuronal cell line.
AU Ljungberg, M. Cecilia; Dayanandan, Rejith; Asuni, Ayodeji; Rupniak, Tom H.; Anderton, Brian H.; Lovestone, Simon [Reprint author]
CS Old Age Psychiatry, Institute of Psychiatry, King's College London, De Crespigny Park, London, SE5 8AF, UK
SO Neuroreport, (7 May, 2002) Vol. 13, No. 6, pp. 867-870. print.
CODEN: NERPEZ. ISSN: 0959-4965.
DT Article
LA English
ED Entered STN: 17 Jul 2002
Last Updated on STN: 17 Jul 2002

L2 ANSWER 10 OF 27 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 9
AN 2001:403263 BIOSIS
DN PREV200100403263
TI Apolipoprotein E fragments present in Alzheimer's disease brains induce neurofibrillary tangle-like intracellular inclusions in neurons.
AU Huang, Yadong [Reprint author]; Liu, Xiao Qin; Wyss-Coray, Tony; Brecht, Walter J.; Sanan, David A.; Mahley, Robert W.
CS Gladstone Institute of Neurological Disease, San Francisco, CA, 94141-9100, USA
yhuang@gladstone.ucsf.edu
SO Proceedings of the National Academy of Sciences of the United States of America, (July 17, 2001) Vol. 98, No. 15, pp. 8838-8843. print.
CODEN: PNASA6. ISSN: 0027-8424.
DT Article
LA English
ED Entered STN: 22 Aug 2001
Last Updated on STN: 22 Feb 2002

L2 ANSWER 11 OF 27 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 10
AN 2001:295780 BIOSIS
DN PREV200100295780
TI The amino-terminal 1-185 domain of apoE promotes the clearance of lipoprotein remnants in vivo. The carboxy-terminal domain is required for

M.; Zannis, Vassilis I. [Reprint author]
CS Department of Medicine, Whitaker Cardiovascular Institute, Boston University School of Medicine, 715 Albany St., W509, Boston, MA, 02118-2394, USA
vzannis@bu.edu
SO Biochemistry, (May 22, 2001) Vol. 40, No. 20, pp. 6027-6035. print.
CODEN: BICHAW. ISSN: 0006-2960.
DT Article
LA English
ED Entered STN: 20 Jun 2001
Last Updated on STN: 19 Feb 2002

L2 ANSWER 12 OF 27 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 11
AN 2001:574182 BIOSIS
DN PREV200100574182
TI Vascular-derived thrombin generates neurotoxic apolipoprotein E fragments.
AU Grammas, P. [Reprint author]; Ottman, T. [Reprint author]; Reimann-Philipp, U. [Reprint author]
CS Oklahoma Center of Neuroscience, University of Oklahoma HSC, Oklahoma City, OK, USA
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 2, pp. 2002. print.
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 12 Dec 2001
Last Updated on STN: 25 Feb 2002

L2 ANSWER 13 OF 27 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2001:935954 SCISEARCH
GA The Genuine Article (R) Number: 487UW
TI Hyperlipidemia in APOE2 transgenic mice is aggravated by overexpression of full length APOE3 whereas it is reduced by a ***truncated*** ***ApoE*** variant
AU Gerritsen G (Reprint); Kypreos K E; Van der Zee A; Zannis V I; Havekes L M; van Dijk K W
CS Leiden Univ, Med Ctr, Leiden, Netherlands; Boston Univ, Sch Med, Boston, MA 02118 USA; TNO, PG, Leiden, Netherlands
CYA Netherlands; USA
SO CIRCULATION, (23 OCT 2001) Vol. 104, No. 17, Supp. [S], pp. 114-115. MA 552.
Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA 19106-3621 USA.
ISSN: 0009-7322.
DT Conference; Journal
LA English
REC Reference Count: 0

L2 ANSWER 14 OF 27 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:263588 BIOSIS
DN PREV200200263588
TI Hyperlipidemia in APOE2 transgenic mice is aggravated by overexpression of full length APOE3 whereas it is reduced by a ***truncated*** ***ApoE*** variant.
AU Gerritsen, Gery [Reprint author]; Kypreos, Kyriakos E.; van der Zee, Andre; Zannis, Vassilis I.; Havekes, Louis M.; van Dijk, Ko Willems
CS Leiden Univ Med Ctr, Leiden, Netherlands
SO Circulation, (October 23, 2001) Vol. 104, No. 17 Supplement, pp. II.114-II.115. print.
Meeting Info.: Scientific Sessions 2001 of the American Heart Association. Anaheim, California, USA. November 11-14, 2001. American Heart Association.
CODEN: CIRCAZ. ISSN: 0009-7322.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 1 May 2002
Last Updated on STN: 1 May 2002

L2 ANSWER 15 OF 27 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

DN PREV200000369084
TI Structural determinants in the C-terminal domain of apolipoprotein E mediating binding to the protein core of human aortic biglycan.
AU Klezovitch, Olga [Reprint author]; Formato, Marilena; Cherchi, Gian M.; Weisgraber, Karl H.; Scanu, Angelo M.
CS Dept. of Medicine, University of Chicago, 5841 S. Maryland Ave., Chicago, IL, 60637, USA
SO Journal of Biological Chemistry, (June 23, 2000) Vol. 275, No. 25, pp. 18913-18918. print.
CODEN: JBCHA3. ISSN: 0021-9258.
DT Article
LA English
ED Entered STN: 30 Aug 2000
Last Updated on STN: 8 Jan 2002

L2 ANSWER 16 OF 27 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:98285 BIOSIS
DN PREV200100098285
TI Increased ratio of truncated to full-length apoE in Alzheimer's brain.
AU Zhang, D. [Reprint author]; McQuade, J. A.; Shockley, K. P.; Marques, M. A.; Crutcher, K. A.
CS University of Cincinnati, Cincinnati, OH, USA
SO Society for Neuroscience Abstracts, (2000) Vol. 26, No. 1-2, pp. Abstract No.-576.7. print.
Meeting Info.: 30th Annual Meeting of the Society of Neuroscience. New Orleans, LA, USA. November 04-09, 2000. Society for Neuroscience.
ISSN: 0190-5295.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 21 Feb 2001
Last Updated on STN: 15 Feb 2002

L2 ANSWER 17 OF 27 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 13
AN 1999:403496 BIOSIS
DN PREV199900403496
TI Truncated apolipoprotein E (ApoE) causes increased intracellular calcium and may mediate ApoE neurotoxicity.
AU Tolar, Martin; Keller, Jeffrey N.; Chan, Stephen; Mattson, Mark P.; Marques, Marcos A.; Crutcher, Keith A. [Reprint author]
CS Department of Neurosurgery, University of Cincinnati, Cincinnati, OH, 45267-0515, USA
SO Journal of Neuroscience, (Aug. 15, 1999) Vol. 19, No. 16, pp. 7100-7110. print.
CODEN: JNRSDS. ISSN: 0270-6474.
DT Article
LA English
ED Entered STN: 8 Oct 1999
Last Updated on STN: 8 Oct 1999

L2 ANSWER 18 OF 27 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2000:141120 BIOSIS
DN PREV200000141120
TI ***Truncated*** ***apoE*** in human brain: Fact or artifact?.
AU McQuade, J.-A. M. [Reprint author]; Zhang, D. S. [Reprint author]; Crutcher, K. A. [Reprint author]
CS Dept. of Neurosurgery, U. of Cincinnati, Cincinnati, OH, 45267-0515, USA
SO Society for Neuroscience Abstracts, (1999) Vol. 25, No. 1-2, pp. 1345. print.
Meeting Info.: 29th Annual Meeting of the Society for Neuroscience. Miami Beach, Florida, USA. October 23-28, 1999. Society for Neuroscience.
ISSN: 0190-5295.
DT Conference; (Meeting)
LA English
ED Entered STN: 19 Apr 2000
Last Updated on STN: 4 Jan 2002

L2 ANSWER 19 OF 27 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:790244 CAPLUS
DN 130:181089
TI Frequency of apoB and apoE gene mutations as causes of hypobetalipoproteinemia in the Framingham offspring population
AU Welty, Francine K.; Lahoz, Carlos; Tucker, Katherine L.; Ordovas, Jose M.;

Tufts University, Boston, MA, 02215, USA
SO Arteriosclerosis, Thrombosis, and Vascular Biology (1998), 18(11), 1745-1751
CODEN: ATVBFA; ISSN: 1079-5642
PB Lippincott Williams & Wilkins
DT Journal
LA English
RE.CNT 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 20 OF 27 CABA COPYRIGHT 2004 CABI on STN
AN 94:90243 CABA
DN 19941408093
TI Familial apolipoprotein E deficiency and type III hyperlipoproteinemia due to a premature stop codon in the apolipoprotein E gene
AU Lohse, P.; Brewer, B.; Meng, M. S.; Skarlatos, S. I.; LaRosa, J. C.; Brewer, H. B., Jr.
CS Bldg 10, Room 7N117,National Institute of Health, 9000 Rockville Pike, Betheda, MD 20892, USA.
SO Journal of Lipid Research, (1992) Vol. 33, No. 11, pp. 1583-1590. 42 ref.
ISSN: 0022-2275
DT Journal
LA English
ED Entered STN: 19941101
Last Updated on STN: 19941101

L2 ANSWER 21 OF 27 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 14
AN 1989:331043 BIOSIS
DN PREV198988034043; BA88:34043
TI HUMAN APOLIPOPROTEIN E RECEPTOR BINDING ACTIVITY OF TRUNCATED VARIANTS WITH CARBOXYL-TERMINAL DELETIONS.
AU LALAZAR A [Reprint author]; OU S-H I; MAHLEY R W
CS GLADSTONE FOUND LAB, PO BOX 40608, SAN FRANCISCO, CALIF 94140-0680, USA
SO Journal of Biological Chemistry, (1989) Vol. 264, No. 15, pp. 8447-8450.
CODEN: JBCHA3. ISSN: 0021-9258.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 20 Jul 1989
Last Updated on STN: 20 Jul 1989

L2 ANSWER 22 OF 27 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AA018046 peptide DGENE
TI Inhibiting neurofibrillary tangles formation, useful for treating e.g. Alzheimer's, coronary artery disease or stroke, by reducing the formation of carboxyl-terminal truncated form of apolipoprotein E in a neuron of the individual -
IN Huang Y; Mahley R W
PA (GLAD-N) GLADSTONE INST J DAVID.
PI WO 2002038108 A2 20020516 75p
AI WO 2001-US51172 20011102
PRAI US 2000-245737P 20001103
DT Patent
LA English
OS 2002-490051 [52]
DESC C-terminal ***truncated*** ***apoE*** formation inhibitor peptide #4.

L2 ANSWER 23 OF 27 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AA018045 peptide DGENE
TI Inhibiting neurofibrillary tangles formation, useful for treating e.g. Alzheimer's, coronary artery disease or stroke, by reducing the formation of carboxyl-terminal truncated form of apolipoprotein E in a neuron of the individual -
IN Huang Y; Mahley R W
PA (GLAD-N) GLADSTONE INST J DAVID.
PI WO 2002038108 A2 20020516 75p
AI WO 2001-US51172 20011102
PRAI US 2000-245737P 20001103
DT Patent
LA English
OS 2002-490051 [52]
DESC C-terminal ***truncated*** ***apoE*** formation inhibitor peptide

L2 ANSWER 24 OF 27 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AA018044 peptide DGENE
TI Inhibiting neurofibrillary tangles formation, useful for treating e.g. Alzheimer's, coronary artery disease or stroke, by reducing the formation of carboxyl-terminal truncated form of apolipoprotein E in a neuron of the individual -
IN Huang Y; Mahley R W
PA (GLAD-N) GLADSTONE INST J DAVID.
PI WO 2002038108 A2 20020516 75p
AI WO 2001-US51172 20011102
PRAI US 2000-245737P 20001103
DT Patent
LA English
OS 2002-490051 [52]
DESC C-terminal ***truncated*** ***apoE*** formation inhibitor peptide #2.

L2 ANSWER 25 OF 27 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AA018043 peptide DGENE
TI Inhibiting neurofibrillary tangles formation, useful for treating e.g. Alzheimer's, coronary artery disease or stroke, by reducing the formation of carboxyl-terminal truncated form of apolipoprotein E in a neuron of the individual -
IN Huang Y; Mahley R W
PA (GLAD-N) GLADSTONE INST J DAVID.
PI WO 2002038108 A2 20020516 75p
AI WO 2001-US51172 20011102
PRAI US 2000-245737P 20001103
DT Patent
LA English
OS 2002-490051 [52]
DESC C-terminal ***truncated*** ***apoE*** formation inhibitor peptide #1.

L2 ANSWER 26 OF 27 FEDRIP COPYRIGHT 2004 NTIS on STN
AN 2003:142140 FEDRIP
NR CRISP 5R01AG20249-02
TI Proteolysis of apoE and Alzheimer's pathology
SF Principal Investigator: CRUTCHER, KEITH A; CRUTCHKA@EMAIL.UC.EDU, CRUTCHER, KEITH A., PHD, 231 ALBERT SABIN WAY, ML # 0515
CSP UNIVERSITY OF CINCINNATI, CINCINNATI, OHIO
CSS Supported By: NATIONAL INSTITUTE ON AGING
DB 2009 (/30/02)
FYR 2003
DE 2008 (/31/07)
FU Noncompeting Continuation (Type 5)
FS National Institutes of Health

L2 ANSWER 27 OF 27 TOXCENTER COPYRIGHT 2004 ACS on STN
AN 2003:153136 TOXCENTER
DN CRISP-2002-AG20249-01A1
TI Proteolysis of apoE and Alzheimer's pathology
AU CRUTCHER K A
CS CRUTCHKA@EMAIL.UC.EDU, CRUTCHER, KEITH A., PHD, 231 ALBERT SABIN WAY, CINCINNATI, OH 45267-0515:OHIO
CSS U.S. DEPT. OF HEALTH AND HUMAN SERVICES; PUBLIC HEALTH SERVICE; NATIONAL INSTITUTES OF HEALTH, NATIONAL INSTITUTE ON AGING
SO Crisp Data Base National Institutes of Health.
DT (Research)
FS CRISP
LA English
ED Entered STN: 20030708
Last Updated on STN: 20030708
STN INTERNATIONAL LOGOFF AT 10:39:28 ON 02 JAN 2004